

AUGUST 24, 1999

PTAS

ALCON LABORATORIES, INC. MICHAEL C. MAYO, R&D COUNSEL Q-148 6201 SOUTH FREEWAY FORT WORTH, TX 76134-2099 UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/14/1999

REEL/FRAME: 010037/0848

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR''S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ASGHARIANF, BAHRAM

DOC DATE: 05/13/1999

ASSIGNEE:

ALCON LABORATORIES, INC. 6201 SOUTH FREEWAY R&D COUNSEL, Q-148 FORT WORTH, TEXAS 76134-2099

SERIAL NUMBER: 09308456

PATENT NUMBER:

FILING DATE: 05/14/1999

ISSUE DATE:

MAURICE CARTER, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

RECEIVED

4、19等的

PATEMIZ LEGAT

10 581 .4

09/308456 Hec'd PSIPIO 1 - MAY 1999

06-24-1999

1			U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
	To the Honorable Co.	mmissioner of Patents and Tr. 10107374	7 300	copy thereof
K	Name of conveying Bahram A	g party(les): Asghariant	2. Name and address	of receiving party(ies):
		conveying party(ies) attached? ☐ Yes X No	Name:	Alcon Laboratories, Inc.
1	2 Notes of second		Internal Address:	R&D Counsel Q-148
1	3. Nature of conveyar		Street Address:	6201 South Freeway
J	X Assignment	☐ Merger	City: Fort Worth	State: <u>TX</u> ZIP: 76134-2099
1	☐ Security Agreem	nent	Additional name(s) &	address(es) attached? [] Yes X No
1	☐ Other		, ,	
L	Execution Date: Ma	y 13, 1999		·
	4. Application numbe	er(s) or patent number(s):	·	·
١	If this document is be	sing filed together with a new application, the execution date of the	application is: May 14	, 1999
	A. Patent Application		B. Patent No.(s)	
		Yet Assigned		
l	Title: USE OF LO OPHTHALM	NW MOLECULAR WEIGHT AMINO ALCOHOLS IN MIC COMPOSITIONS		
ı	Attorney Docket N	o. 1409 F		
L		Additional numbers atta	ched? DYes X No	
	Name and address document should be	of party to whom correspondence concerning analled:	6. Total number of appl	ications and patents involved: one (1)
	Name:	Michael C. Mayo		
	Internal Address:	R&D Counsel Q-148	7. Total fee (37 CFR 3.4	41)\$40.00
ĺ		ALCON LABORATORIES, INC.	☐ Enclosed	
Y			X Authorized to be c	harged to patent application
Street Address: 6201 South Freeway 8. Deposit account number:				
l	City:	Fort Worth State: TX ZIP 76134-2099	(Attach duplicate copy of	of this page if paying by deposit account)
Γ		DO NOT USE		
ľ	Statement and signa To the best of my known	owledge and belief, the foregoing information is true and correct a	and any attached copy is a	a true copy of
	the original documen		-1.4	
Michael C. Mayo Reg. No. 38,545				
	Name of Pe	rson Signing Signature	Date	
		(Total	number of pages including cover sheet Three(3)
CMB No. 0651-0011 (exp. 4/94)				
•		Do not detach	this portion	
N	Mail documents to be n	ecorded with required cover sheet information to:	poroun	
Commissioner of Patents and Trademarks Box Assignments				
E	Washington, D.C. 20231			
9	Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.			

ASSIGNMENT

WHEREAS I am the below named sole inventor of the invention entitled:

"USE OF LOW MOLECULAR WEIGHT AMINO ALCOHOLS IN OPHTHALMIC COMPOSITIONS"

and described in a United States Patent Application filed with the United States Patent and Trademark Office on May 14, 1999, and further identified by Attorney Docket No. 1409 F; and

WHEREAS, ALCON LABORATORIES, INC., a company organized under the laws of Delaware and having a place of business at 6201 South Freeway, Fort Worth, Texas, 76134-2099, is desirous of acquiring the entire right, title and interest in and to said invention and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, I do hereby sell, assign and transfer to ALCON LABORATORIES, INC., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

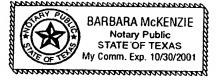
UPON SAID CONSIDERATIONS, I hereby agree that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant and render all necessary assistance in making application for and obtaining original, divisional, continuation-in-part, reexamined, reissued, or other Letters Patent of the United States or of any and all foreign countries on said invention and in enforcing any rights in action accruing as a result of such applications or patents, said assistance to include my cooperation in all prosecution associated with obtaining such applications or patents and my provision of testimony in any proceedings or transactions involving such applications or patents, it being understood that the

foregoing covenant and agreement shall bind, and insure to the benefit of, the assigns and legal representatives of assignor and assignee.

AND I request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said ALCON LABORATORIES, INC., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in said patent and the invention covered thereby.

Full name of joint inventor:	Bahram Asgharian
Address:	6628 Townlake Circle
	Arlington, Texas 76016
Inventor's signature:	Skoti
Date:	5/13/99
STATE OF TEXAS 8	

On this 1346 day of _______, 1999, before me personally appeared BAHRAM ASGHARIAN to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.



COUNTY OF TARRANT

Pallan McKengie Notary Public

CERTIFICATE OF MAILING BY EXPRESS MAIL

I hereby certify that this correspondence is being deposited with sufficient postage to the United States Postal Service as "Express Mail,2 Mailing Label No. El 196:105-714. US in an envelope addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231 on this date:

Date

Barbara McKenzie Name



UNITED: 3 DEPARTMENT OF COMMERCE Patent an. 1 ademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JUNE 18, 2001

PTAS

101681056A

ALCON RESEARCH, LTD.
JEFFREY S. SCHIRA
R&D LEGAL COUNSEL (Q-148)
6201 SOUTH FREEWAY
FORT WORTH, TX 76134

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/26/2001

REEL/FRAME: 011667/0559

NUMBER OF PAGES: 13

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ALCON LABORATORIES, INC.

DOC DATE: 03/22/2001

ASSIGNEE:

ALCON MANUFACTURING, LTD. 6201 SOUTH FREEWAY

FORT WORTH, TEXAS 76134-2099

SERIAL NUMBER: 07669496

PATENT NUMBER:

FILING DATE: 03/14/1991

ISSUE DATE:

SERIAL NUMBER: 08091509

PATENT NUMBER:

FILING DATE: 07/14/1993

ISSUE DATE:

SERIAL NUMBER: 08156043

PATENT NUMBER:

FILING DATE: 11/23/1993

ISSUE DATE:

SERIAL NUMBER: 08405467

PATENT NUMBER:

FILING DATE: 03/16/1995

ISSUE DATE:

SERIAL NUMBER: 08908230 PATENT NUMBER:

SERIAL NUMBER: 08962200

PATENT NUMBER:

SERIAL NUMBER: 09144673 PATENT NUMBER: 6228323

SERIAL NUMBER: 09144674 PATENT NUMBER: 6214596

SERIAL NUMBER: 09144826 PATENT NUMBER:

SERIAL NUMBER: 09175633 PATENT NUMBER: 6225332

SERIAL NUMBER: 09180561 PATENT NUMBER:

SERIAL NUMBER: 09210976 PATENT NUMBER:

SERIAL NUMBER: 09211599 PATENT NUMBER:

SERIAL NUMBER: 09251111 PATENT NUMBER: 6254530

SERIAL NUMBER: 09264593 PATENT NUMBER: 6241700

SERIAL NUMBER: 09267966 PATENT NUMBER:

SERIAL NUMBER: 09283590 PATENT NUMBER:

SERIAL NUMBER: 09283592 PATENT NUMBER:

SERIAL NUMBER: 09283670 PATENT NUMBER: 6210438

SERIAL NUMBER: 09284074

PATENT NUMBER:

SERIAL NUMBER: 09284431 PATENT NUMBER: 6235779

SERIAL NUMBER: 09284432

PATENT NUMBER:

FILING DATE: 08/07/1997

ISSUE DATE:

FILING DATE: 10/31/1997

ISSUE DATE:

FILING DATE: 09/01/1998 ISSUE DATE: 05/08/2001

FILING DATE: 09/01/1998 ISSUE DATE: 04/10/2001

FILING DATE: 09/01/1998 ISSUE DATE:

FILING DATE: 10/20/1998 ISSUE DATE: 05/01/2001

FILING DATE: 11/06/1998 ISSUE DATE:

FILING DATE: 12/14/1998 ISSUE DATE:

FILING DATE: 12/14/1998 ISSUE DATE:

FILING DATE: 02/16/1999 ISSUE DATE: 07/03/2001

FILING DATE: 03/08/1999 ISSUE DATE: 06/05/2001

FILING DATE: 03/12/1999 ISSUE DATE:

FILING DATE: 04/01/1999 ISSUE DATE:

FILING DATE: 04/01/1999 ISSUE DATE:

FILING DATE: 04/01/1999 ISSUE DATE: 04/03/2001

FILING DATE: 04/05/1999 ISSUE DATE:

FILING DATE: 06/02/1999 ISSUE DATE: 05/22/2001

FILING DATE: 06/02/1999

ISSUE DATE:

SERIAL NUMBER: 09284533 PATENT NUMBER:

SERIAL NUMBER: 09284534 PATENT NUMBER:

SERIAL NUMBER: 09297160 PATENT NUMBER:

SERIAL NUMBER: 09308456 PATENT NUMBER:

SERIAL NUMBER: 09308610 PATENT NUMBER: 6232344

SERIAL NUMBER: 09308851 PATENT NUMBER: 6242480

SERIAL NUMBER: 09319524 PATENT NUMBER:

SERIAL NUMBER: 09319893 PATENT NUMBER:

SERIAL NUMBER: 09336922 PATENT NUMBER:

SERIAL NUMBER: 09387358 PATENT NUMBER:

SERIAL NUMBER: 09389436 PATENT NUMBER:

SERIAL NUMBER: 09399013 PATENT NUMBER:

SERIAL NUMBER: 09400133 PATENT NUMBER: 6211238

SERIAL NUMBER: 09400134 PATENT NUMBER:

SERIAL NUMBER: 09411747 PATENT NUMBER:

SERIAL NUMBER: 09423762 PATENT NUMBER:

SERIAL NUMBER: 09428742 PATENT NUMBER: 6196989

SERIAL NUMBER: 09428744 PATENT NUMBER: 6206848 FILING DATE: 06/02/1999 ISSUE DATE:

FILING DATE: 06/02/1999 ISSUE DATE:

FILING DATE: 04/22/1999 ISSUE DATE:

FILING DATE: 05/14/1999 ISSUE DATE:

FILING DATE: 05/21/1999 ISSUE DATE: 05/15/2001

FILING DATE: 05/24/1999 ISSUE DATE: 06/05/2001

FILING DATE: 08/27/1999 ISSUE DATE:

FILING DATE: 06/10/1999 ISSUE DATE:

FILING DATE: 06/21/1999 ISSUE DATE:

FILING DATE: 08/31/1999 ISSUE DATE:

FILING DATE: 09/03/1999 ISSUE DATE:

FILING DATE: 09/21/1999 ISSUE DATE:

FILING DATE: 09/21/1999 ISSUE DATE: 04/03/2001

FILING DATE: 09/21/1999 ISSUE DATE:

FILING DATE: 10/01/1999 ISSUE DATE:

FILING DATE: 11/12/1999 ISSUE DATE:

FILING DATE: 10/28/1999 ISSUE DATE: 03/06/2001

FILING DATE: 10/28/1999 ISSUE DATE: 03/27/2001

PATENT NUMBER:

PATENT NUMBER:

SERIAL NUMBER: 09456928

SERIAL NUMBER: 09428978 FILING DATE: 10/28/1999 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09430513 FILING DATE: 10/29/1999 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09430533 FILING DATE: 10/29/1999 PATENT NUMBER: 6211226 ISSUE DATE: 04/03/2001 SERIAL NUMBER: 09437453 FILING DATE: 11/10/1999 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09438987 FILING DATE: 11/12/1999 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09440248 FILING DATE: 11/15/1999 PATENT NUMBER: 6197812 ISSUE DATE: 03/06/2001 SERIAL NUMBER: 09442231 FILING DATE: 11/17/1999 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09443765 FILING DATE: 11/19/1999 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09443767 FILING DATE: 11/19/1999 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09445168 FILING DATE: PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09445237 FILING DATE: 12/02/1999 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09445320 FILING DATE: 12/06/1999 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09447146 FILING DATE: 11/23/1999 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09447752 FILING DATE: 11/22/1999 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09448038 FILING DATE: 11/23/1999 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09452004 FILING DATE: 11/30/1999 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09456617 FILING DATE: 12/08/1999

ISSUE DATE:

ISSUE DATE:

FILING DATE: 12/08/1999

SERIAL NUMBER: 09460869 PATENT NUMBER: 6200990

SERIAL NUMBER: 09460919

PATENT NUMBER:

SERIAL NUMBER: 09462719

PATENT NUMBER:

SERIAL NUMBER: 09462737

PATENT NUMBER:

SERIAL NUMBER: 09463572

PATENT NUMBER:

SERIAL NUMBER: 09485217

PATENT NUMBER:

SERIAL NUMBER: 09486854

PATENT NUMBER:

SERIAL NUMBER: 09487936

PATENT NUMBER: 6235781

SERIAL NUMBER: 09489093

PATENT NUMBER:

SERIAL NUMBER: 09525196

PATENT NUMBER:

SERIAL NUMBER: 09527401

PATENT NUMBER:

SERIAL NUMBER: 09529837

PATENT NUMBER:

SERIAL NUMBER: 09536083

PATENT NUMBER:

SERIAL NUMBER: 09546855

PATENT NUMBER:

SERIAL NUMBER: 09546872

PATENT NUMBER:

SERIAL NUMBER: 09567175

PATENT NUMBER:

SERIAL NUMBER: 09575833

PATENT NUMBER:

SERIAL NUMBER: 09575850

PATENT NUMBER:

FILING DATE: 12/14/1999 ISSUE DATE: 03/13/2001

FILING DATE: 12/14/1999

ISSUE DATE:

FILING DATE: 01/12/2000

ISSUE DATE:

FILING DATE: 01/12/2000

ISSUE DATE:

FILING DATE: 01/26/2000

ISSUE DATE:

FILING DATE:

ISSUE DATE:

FILING DATE: 03/03/2000

ISSUE DATE:

FILING DATE: 01/20/2000

ISSUE DATE: 05/22/2001

FILING DATE: 01/21/2000

ISSUE DATE:

FILING DATE: 03/14/2000

ISSUE DATE:

FILING DATE: 03/16/2000

ISSUE DATE:

FILING DATE: 04/19/2000

ISSUE DATE:

FILING DATE: 03/24/2000

ISSUE DATE:

FILING DATE: 04/10/2000

ISSUE DATE:

FILING DATE: 04/10/2000

ISSUE DATE:

FILING DATE: 05/08/2000

ISSUE DATE: .

FILING DATE: 05/22/2000

ISSUE DATE:

FILING DATE: 05/19/2000

ISSUE DATE:

PATENT NUMBER:

PATENT NUMBER:

SERIAL NUMBER: 09646676

SERIAL NUMBER: 09577262 FILING DATE: 05/19/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09581687 FILING DATE: 06/15/2000 PATENT NUMBER: 6242441 ISSUE DATE: 06/05/2001 SERIAL NUMBER: 09581952 FILING DATE: 08/03/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09582110 FILING DATE: 07/15/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09582111 FILING DATE: PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09582112 FILING DATE: 07/20/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09582113 FILING DATE: 07/20/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09582114 FILING DATE: 07/20/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09582115 FILING DATE: 07/20/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09597310 FILING DATE: 06/20/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09601634 FILING DATE: 08/04/2000 PATENT NUMBER: 6242442 ISSUE DATE: 06/05/2001 SERIAL NUMBER: 09604048 FILING DATE: 06/27/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09605263 FILING DATE: 06/28/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09633502 FILING DATE: 08/07/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09636409 FILING DATE: 08/10/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09645465 FILING DATE: 08/23/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09646560 FILING DATE: 09/19/2000

ISSUE DATE:

ISSUE DATE:

FILING DATE: 09/19/2000

SERIAL NUMBER: 09766493

PATENT NUMBER:

SERIAL NUMBER: 09646797 FILING DATE: 09/22/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09646798 FILING DATE: 09/22/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09646799 FILING DATE: 09/22/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09646800 FILING DATE: 09/22/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09647571 FILING DATE: 10/02/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09647640 FILING DATE: PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09651541 FILING DATE: 08/29/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09660200 FILING DATE: 09/12/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09660455 FILING DATE: 09/12/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09669700 FILING DATE: 09/26/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09674403 FILING DATE: 10/31/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09690259 FILING DATE: 10/17/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09704515 FILING DATE: 11/02/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09728681 FILING DATE: 12/01/2000 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09760996 FILING DATE: 01/16/2001 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09761070 FILING DATE: 01/16/2001 PATENT NUMBER: ISSUE DATE: SERIAL NUMBER: 09765234 FILING DATE: 01/18/2001 PATENT NUMBER: ISSUE DATE:

FILING DATE: 01/19/2001

ISSUE DATE:

SERIAL NUMBER: 60214902 PATENT NUMBER:	FILING DATE: 06/29/2000 ISSUE DATE: FILING DATE: 09/28/1981 ISSUE DATE: 10/04/1983 FILING DATE: 03/12/1981
SERIAL NUMBER: 06306317 PATENT NUMBER: 4407791	FILING DATE: 09/28/1981 ISSUE DATE: 10/04/1983
DATEST STIMPED. 1107707	TCCHE DAME: 10/04/1002
SERIAL NUMBER: 06324273 PATENT NUMBER: 4411932	FILING DATE: 11/23/1981 ISSUE DATE: 10/25/1983
SERIAL NUMBER: 06368630 PATENT NUMBER: 4436745	FILING DATE: 04/15/1982 ISSUE DATE: 03/13/1984
SERIAL NUMBER: 06368631 PATENT NUMBER: 4438272	FILING DATE: 04/15/1982 ISSUE DATE: 03/13/1984 FILING DATE: 04/15/1982 ISSUE DATE: 03/20/1984 FILING DATE: 10/05/1981 ISSUE DATE: 04/17/1984
	111111111111111111111111111111111111111
PATENT NUMBER: 4461904	FILING DATE: 11/20/1981 ISSUE DATE: 07/24/1984
SERIAL NUMBER: 06366154 PATENT NUMBER: 4473076	FILING DATE: 04/07/1982 ISSUE DATE: 09/25/1984
SERIAL NUMBER: 06454470 PATENT NUMBER: 4475904	FILING DATE: 12/29/1982 ISSUE DATE: 10/09/1984
PATENT NUMBER: 4493783	FILING DATE: 02/28/1983 ISSUE DATE: 01/15/1985
PATENT NUMBER: 06519791 SERIAL NUMBER: 06519791	FILING DATE: 08/03/1983 ISSUE DATE: 05/07/1985
PATENT NUMBER: 4517199 SERIAL NUMBER: 06444045	FILING DATE: 08/03/1983 ISSUE DATE: 05/14/1985
PATENT NUMBER: 4521375 SERIAL NUMBER: 06537331	FILING DATE: 11/23/1982 ISSUE DATE: 06/04/1985
PATENT NUMBER: 4525346 SERIAL NUMBER: 06532168	FILING DATE: 09/29/1983 ISSUE DATE: 06/25/1985
PATENT NUMBER: 06532168 PATENT NUMBER: 4537892 SERIAL NUMBER: 06582564	FILING DATE: 09/14/1983 ISSUE DATE: 08/27/1985
PATENT NUMBER: 4550022	FILING DATE: 02/22/1984 ISSUE DATE: 10/29/1985
SERIAL NUMBER: 06415758 PATENT NUMBER: 4559343	FILING DATE: 09/07/1982 ISSUE DATE: 12/17/1985

SERIAL NUMBER: 06645522 PATENT NUMBER: 4569133

SERIAL NUMBER: 06687274
PATENT NUMBER: 4599195

SERIAL NUMBER: 06687275 PATENT NUMBER: 4609493

SERIAL NUMBER: 06662775 PATENT NUMBER: 4613379

SERIAL NUMBER: 06781393 PATENT NUMBER: 4622503

SERIAL NUMBER: 06801259 PATENT NUMBER: 4633003

SERIAL NUMBER: 06809668 PATENT NUMBER: 4643724

SERIAL NUMBER: 06858399 PATENT NUMBER: 4670060

SERIAL NUMBER: 06807325 PATENT NUMBER: 4674629

SERIAL NUMBER: 06792992 PATENT NUMBER: 4686214

SERIAL NUMBER: 06853150 PATENT NUMBER: 4686980

SERIAL NUMBER: 06706654 PATENT NUMBER: 4706687

SERIAL NUMBER: 06736335 PATENT NUMBER: 4713051

SERIAL NUMBER: 06946675 PATENT NUMBER: 4721133

SERIAL NUMBER: 06916422 PATENT NUMBER: 4735202

SERIAL NUMBER: 06911583 PATENT NUMBER: 4737558

SERIAL NUMBER: 07001235 PATENT NUMBER: 4757814

SERIAL NUMBER: 06780613 PATENT NUMBER: 4758220 FILING DATE: 08/28/1984 ISSUE DATE: 02/11/1986

FILING DATE: 12/28/1984 ISSUE DATE: 07/08/1986

FILING DATE: 12/28/1984 ISSUE DATE: 09/02/1986

FILING DATE: 10/19/1984 ISSUE DATE: 09/23/1986

FILING DATE: 09/26/1985 ISSUE DATE: 11/11/1986

FILING DATE: 11/25/1985 ISSUE DATE: 12/30/1986

FILING DATE: 12/16/1985 ISSUE DATE: 02/17/1987

FILING DATE: 05/01/1986 ISSUE DATE: 06/02/1987

FILING DATE: 12/10/1985. ISSUE DATE: 06/23/1987

FILING DATE: 10/30/1985 ISSUE DATE: 08/11/1987

FILING DATE: 04/17/1986 ISSUE DATE: 08/18/1987

FILING DATE: 02/28/1985 ISSUE DATE: 11/17/1987

FILING DATE: 05/21/1985 ISSUE DATE: 12/15/1987

FILING DATE: 12/31/1986 ISSUE DATE: 01/26/1988

FILING DATE: 10/06/1986 ISSUE DATE: 04/05/1988

FILING DATE: 10/31/1986 ISSUE DATE: 04/12/1988

FILING DATE: 01/07/1987 ISSUE DATE: 07/19/1988

FILING DATE: 09/26/1985 ISSUE DATE: 07/19/1988

-	
SERIAL NUMBER: 07083904	FILING DATE: 08/06/1987
PATENT NUMBER: 4758238	ISSUE DATE: 07/19/1988
•	•
SERIAL NUMBER: 06780689	FILING DATE: 09/26/1985
SERIAL NUMBER: 07083904 PATENT NUMBER: 4758238 SERIAL NUMBER: 06780689 PATENT NUMBER: 4768506	ISSUE DATE: 09/06/1988
SERIAL NUMBER: 06780554 PATENT NUMBER: 4770486	FILING DATE: 09/26/1985
PATENT NUMBER: 4770486	ISSUE DATE: 09/13/1988
SERIAL NUMBER: 07082967	FILING DATE: 08/05/1987
PATENT NUMBER: 4770654	ISSUE DATE: 09/13/1988
SERIAL NUMBER: 06822111	FILING DATE: 10/24/1986
PATENT NUMBER: 4771042	FILING DATE: 10/24/1986 ISSUE DATE: 09/13/1988
SERIAL NUMBER: 06364280	FILING DATE: 04/01/1982
SERIAL NUMBER: 06364280 PATENT NUMBER: 4787902	ISSUE DATE: 11/29/1988
SERIAL NUMBER: 06892347	FILING DATE: 07/31/1986
PATENT NUMBER: 4790816	ISSUE DATE: 12/13/1988
SERIAL NUMBER: 06892347 PATENT NUMBER: 4790816	
SERIAL NUMBER: 07046673 PATENT NUMBER: 4792414	FILING DATE: 05/04/1987 ISSUE DATE: 12/20/1988
TATEMI MONDER. 4772414	1550E DATE: 12/20/1988
SERIAL NUMBER: 07022468	FILING DATE: 03/06/1987
PATENT NUMBER: 4808170	ISSUE DATE: 02/28/1989
SERIAL NUMBER: 07022468 PATENT NUMBER: 4808170 SERIAL NUMBER: 06935413 PATENT NUMBER: 4808182	ETITMC DAME. 11/26/1006
PATENT NUMBER: 4808182	FILING DATE: 11/26/1986 ISSUE DATE: 02/28/1989
	10000 2.118. 02/20/1/07
SERIAL NUMBER: 07053982	FILING DATE: 05/22/1987
PATENT NUMBER: 4808239	ISSUE DATE: 02/28/1989
SERIAL NUMBER: 06892356	FILING DATE: 07/31/1986 ISSUE DATE: 03/07/1989 FILING DATE: 09/22/1987 ISSUE DATE: 03/21/1989
PATENT NUMBER: 4810242	ISSUE DATE: 03/07/1989
SERIAL NUMBER: 07099533 PATENT NUMBER: 4813927	FILING DATE: 09/22/1987
PATENT NOMBER: 4813927	ISSUE DATE: 03/21/1989
SERIAL NUMBER: 07084995 PATENT NUMBER: 4824202	FILING DATE: 08/12/1987
PATENT NUMBER: 4824202	ISSUE DATE: 04/25/1989
SERIAL NUMBER: 07107971 PATENT NUMBER: 4838281	FILING DATE: 10/13/1987
TAIENI NUMBER: 4030201	ISSUE DATE: 06/13/1989
SERIAL NUMBER: 07183424	FILING DATE: 04/18/1988
PATENT NUMBER: 4850377	ISSUE DATE: 07/25/1989
CEDIAL MUMDED. 02264040	
SERIAL NUMBER: 07264918 PATENT NUMBER: 4876250	1 1DING DAIL. 10/31/1900
	ISSUE DATE: 10/24/1989
SERIAL NUMBER: 07223432	FILING DATE: 07/22/1988
PATENT NUMBER: 4877026	ISSUE DATE: 10/31/1989

SERIAL NUMBER: 07228621
PATENT NUMBER: 4888327

SERIAL NUMBER: 06946346 PATENT NUMBER: 4897981

SERIAL NUMBER: 07197567 PATENT NUMBER: 4900301

SERIAL NUMBER: 07154514 PATENT NUMBER: 4911920

SERIAL NUMBER: 07253009 PATENT NUMBER: 4939135

SERIAL NUMBER: 07035128 PATENT NUMBER: 4954960

SERIAL NUMBER: 07426465 PATENT NUMBER: 4970656

SERIAL NUMBER: 07351977 PATENT NUMBER: 4975537

SERIAL NUMBER: 07532482 PATENT NUMBER: 4996209

SERIAL NUMBER: 07347362 PATENT NUMBER: 4997442

SERIAL NUMBER: 07245837 PATENT NUMBER: 5001649

SERIAL NUMBER: 07376013 PATENT NUMBER: 5019037

SERIAL NUMBER: 07136208 PATENT NUMBER: 5020535

SERIAL NUMBER: 07438170 PATENT NUMBER: 5032111

SERIAL NUMBER: 07449302 PATENT NUMBER: 5037484

SERIAL NUMBER: 07244974 PATENT NUMBER: 5037647

SERIAL NUMBER: 07483161 PATENT NUMBER: 5047009

SERIAL NUMBER: 07363983 PATENT NUMBER: 5066276 FILING DATE: 08/04/1988 ISSUE DATE: 12/19/1989

FILING DATE: 12/24/1986 ISSUE DATE: 02/06/1990

FILING DATE: 05/23/1988 ISSUE DATE: 02/13/1990

FILING DATE: 02/05/1988 ISSUE DATE: 03/27/1990

FILING DATE: 10/03/1988 ISSUE DATE: 07/03/1990

FILING DATE: 04/06/1987 ISSUE DATE: 09/04/1990

FILING DATE: 10/20/1989 ISSUE DATE: 11/13/1990

FILING DATE: 05/15/1989 ISSUE DATE: 12/04/1990

FILING DATE: 06/04/1990 ISSUE DATE: 02/26/1991

FILING DATE: 05/04/1989 ISSUE DATE: 03/05/1991

FILING DATE: 09/16/1988 ISSUE DATE: 03/19/1991

FILING DATE: 07/06/1989 ISSUE DATE: 05/28/1991

FILING DATE: 12/21/1987 ISSUE DATE: 06/04/1991

FILING DATE: 11/20/1989 ISSUE DATE: 07/16/1991

FILING DATE: 12/05/1989 ISSUE DATE: 08/06/1991

FILING DATE: 09/15/1988 ISSUE DATE: 08/06/1991

FILING DATE: 02/12/1990 ISSUE DATE: 09/10/1991

FILING DATE: 06/09/1989 ISSUE DATE: 11/19/1991

SERIAL NUMBER: PATENT NUMBER:	5074440	FILING DATE: 07/16/1990 ISSUE DATE: 12/24/1991
SERIAL NUMBER: (PATENT NUMBER: 5	07597983 5075104	FILING DATE: 10/15/1990 ISSUE DATE: 12/24/1991
SERIAL NUMBER: (PATENT NUMBER: 5	07425936 5078712	FILING DATE: 10/15/1990 ISSUE DATE: 12/24/1991 FILING DATE: 10/24/1989 ISSUE DATE: 01/07/1992
SERIAL NUMBER: (PATENT NUMBER: 5	07422615 5079731	ISSUE DATE: 01/07/1992 FILING DATE: 10/17/1989 ISSUE DATE: 01/07/1992 FILING DATE: 04/18/1990
SERIAL NUMBER: (PATENT NUMBER: 5	07510431 5084009	FILING DATE: 04/18/1990 ISSUE DATE: 01/28/1992
SERIAL NUMBER: (PATENT NUMBER: 5	07673985 5084013	FILING DATE: 03/22/1991
SERIAL NUMBER: 0 PATENT NUMBER: 5	07308164 5093126	FILING DATE: 01/28/1992 FILING DATE: 02/08/1989 ISSUE DATE: 03/03/1992
SERIAL NUMBER: 0 PATENT NUMBER: 5		FILING DATE: 08/22/1990 ISSUE DATE: 06/09/1992
SERIAL NUMBER: 0 PATENT NUMBER: 5	7531179 5124392	FILING DATE: 05/31/1990 ISSUE DATE: 06/23/1992
SERIAL NUMBER: 0 PATENT NUMBER: 5	7691160 133745	FILING DATE: 04/24/1991 ISSUE DATE: 07/28/1992
SERIAL NUMBER: 0 PATENT NUMBER: 5	7681814 147393	FILING DATE: 04/05/1991 ISSUE DATE: 09/15/1992
SERIAL NUMBER: 0 PATENT NUMBER: 5	7440912 149693	FILING DATE: 11/22/1989 ISSUE DATE: 09/22/1992
SERIAL NUMBER: 0 PATENT NUMBER: 5	7440546 149694	FILING DATE: 11/22/1989 ISSUE DATE: 09/22/1992
SERIAL NUMBER: 0 PATENT NUMBER: 5	7530766 151544	FILING DATE: 05/25/1990 ISSUE DATE: 09/29/1992
SERIAL NUMBER: 0 PATENT NUMBER: 5		FILING DATE: 11/27/1990 ISSUE DATE: 10/06/1992
SERIAL NUMBER: 00 PATENT NUMBER: 5		FILING DATE: 03/08/1991 ISSUE DATE: 10/13/1992
SERIAL NUMBER: 0' PATENT NUMBER: 5:		FILING DATE: 05/16/1991 ISSUE DATE: 01/05/1993
SERIAL NUMBER: 07 PATENT NUMBER: 53		FILING DATE: 09/23/1991 ISSUE DATE: 01/12/1993
•		

011667/0559 PAGE 13 SERIAL NUMBER: 07728920 FILING DATE: 07/12/1991 PATENT NUMBER: 5182102 ISSUE DATE: 01/26/1993 SERIAL NUMBER: 07774406 FILING DATE: 10/10/1991 PATENT NUMBER: 5188589 ISSUE DATE: 02/23/1993 SERIAL NUMBER: 07842018 FILING DATE: 02/25/1992 PATENT NUMBER: 5191588 ISSUE DATE: 03/02/1993 SERIAL NUMBER: 07734728 FILING DATE: 07/23/1991 PATENT NUMBER: 5192780 ISSUE DATE: 03/09/1993 SERIAL NUMBER: 07872937 FILING DATE: 04/23/1992 PATENT NUMBER: 5197981 ISSUE DATE: 03/30/1993 SERIAL NUMBER: 07806566 FILING DATE: 12/12/1991 PATENT NUMBER: 5199943 ISSUE DATE: 04/06/1993 SERIAL NUMBER: 07816823 FILING DATE: 01/03/1992 PATENT NUMBER: 5201730 ISSUE DATE: 04/13/1993 SERIAL NUMBER: 07816802 FILING DATE: 01/03/1992 PATENT NUMBER: 5203353 ISSUE DATE: 04/20/1993 SERIAL NUMBER: 07716426 FILING DATE: 06/17/1991 PATENT NUMBER: 5209927 ISSUE DATE: 05/11/1993 SERIAL NUMBER: 07664682 FILING DATE: 03/05/1991 PATENT NUMBER: 5211662 ISSUE DATE: 05/18/1993 SERIAL NUMBER: 07857673 FILING DATE: 03/25/1992 PATENT NUMBER: 5212162 ISSUE DATE: 05/18/1993 SERIAL NUMBER: 07918874 FILING DATE: 07/24/1992 PATENT NUMBER: 5212196 ISSUE DATE: 05/18/1993 SERIAL NUMBER: 07841990 FILING DATE: 02/28/1992 PATENT NUMBER: 5217465 ISSUE DATE: 06/08/1993 SERIAL NUMBER: 07845300 FILING DATE: 03/03/1992 PATENT NUMBER: 5217489 ISSUE DATE: 06/08/1993 SERIAL NUMBER: 07651886 FILING DATE: 02/07/1991 PATENT NUMBER: 5221696 ISSUE DATE: 06/22/1993

SERIAL NUMBER: 07852889
PATENT NUMBER: 5223493

FILING DATE: 03/17/1992
ISSUE DATE: 06/29/1993

SERIAL NUMBER: 07775313 .

PATENT NUMBER: 5240923

SERIAL NUMBER: 07827024 FILING DATE: 01/27/1992 PATENT NUMBER: 5224942 ISSUE DATE: 07/06/1993

FILING DATE: 10/09/1991 ISSUE DATE: 08/31/1993

SERIAL NUMBER: 07991083 FILING DATE: 12/14/1992 PATENT NUMBER: 5261883 ISSUE DATE: 11/16/1993 SERIAL NUMBER: 07865097 FILING DATE: 04/08/1992 PATENT NUMBER: 5263958 ISSUE DATE: 11/23/1993 SERIAL NUMBER: 07866730 FILING DATE: 04/10/1992 PATENT NUMBER: 5271939 ISSUE DATE: 12/21/1993 SERIAL NUMBER: 07897733 FILING DATE: 06/12/1992 PATENT NUMBER: 5273056 ISSUE DATE: 12/28/1993 SERIAL NUMBER: 07876191 FILING DATE: 04/30/1992 PATENT NUMBER: 5275593 ISSUE DATE: 01/04/1994 SERIAL NUMBER: 07982278 FILING DATE: 11/25/1992 PATENT NUMBER: 5282786 ISSUE DATE: 02/01/1994 SERIAL NUMBER: 07939213 FILING DATE: 09/02/1992 PATENT NUMBER: 5282852 ISSUE DATE: 02/01/1994 SERIAL NUMBER: 07998442 FILING DATE: 12/30/1992 PATENT NUMBER: 5286256 ISSUE DATE: 02/15/1994 SERIAL NUMBER: 08023165 FILING DATE: 02/19/1993 PATENT NUMBER: 5288290 ISSUE DATE: 02/22/1994 SERIAL NUMBER: 08080903 FILING DATE: 06/21/1993 PATENT NUMBER: 5290293 ISSUE DATE: 03/01/1994 SERIAL NUMBER: 07752083 FILING DATE: 08/29/1991 PATENT NUMBER: 5300061 ISSUE DATE: 04/05/1994 SERIAL NUMBER: 07971424 FILING DATE: 11/04/1992 PATENT NUMBER: 5300287 ISSUE DATE: 04/05/1994 SERIAL NUMBER: 07788519 FILING DATE: 11/06/1991 PATENT NUMBER: 5318560 ISSUE DATE: 06/07/1994 SERIAL NUMBER: 07916056 FILING DATE: 07/17/1992 PATENT NUMBER: 5318717 ISSUE DATE: 06/07/1994 SERIAL NUMBER: 08104270 FILING DATE: 08/10/1993 PATENT NUMBER: 5320839 ISSUE DATE: 06/14/1994 SERIAL NUMBER: 07760647 FILING DATE: 09/16/1991 PATENT NUMBER: 5328481 ISSUE DATE: 07/12/1994 SERIAL NUMBER: 07867313 FILING DATE: 04/10/1992 PATENT NUMBER: 5331394 ISSUE DATE: 07/19/1994 SERIAL NUMBER: 07727689 FILING DATE: 07/10/1991 PATENT NUMBER: 5331649 ISSUE DATE: 07/19/1994

SERIAL NUMBER: 08118833 PATENT NUMBER: 5342620

SERIAL NUMBER: 08019012 PATENT NUMBER: 5344929

SERIAL NUMBER: 08049092 PATENT NUMBER: 5351168

SERIAL NUMBER: 08148521 PATENT NUMBER: 5354265

SERIAL NUMBER: 08099056 PATENT NUMBER: 5356407

SERIAL NUMBER: 08141904 PATENT NUMBER: 5360593

SERIAL NUMBER: 08101862 PATENT NUMBER: 5360611

SERIAL NUMBER: 08031000 PATENT NUMBER: 5369095

SERIAL NUMBER: 08113142 PATENT NUMBER: 5370744

SERIAL NUMBER: 07941485
PATENT NUMBER: 5371078

SERIAL NUMBER: 08019011 PATENT NUMBER: 5378703

SERIAL NUMBER: 08125629 PATENT NUMBER: 5393491

SERIAL NUMBER: 08222790 PATENT NUMBER: 5399737

SERIAL NUMBER: 08279661 PATENT NUMBER: 5401509

SERIAL NUMBER: 08279765 PATENT NUMBER: 5401510

SERIAL NUMBER: 08177892 PATENT NUMBER: 5403598

SERIAL NUMBER: 08108824 PATENT NUMBER: 5403841

SERIAL NUMBER: 07966118 PATENT NUMBER: 5407926 FILING DATE: 09/07/1993 ISSUE DATE: 08/30/1994

FILING DATE: 02/18/1993 ISSUE DATE: 09/06/1994

FILING DATE: 04/16/1993 ISSUE DATE: 09/27/1994

FILING DATE: 11/15/1993 ISSUE DATE: 10/11/1994

FILING DATE: 07/29/1993 ISSUE DATE: 10/18/1994

FILING DATE: 10/22/1993 ISSUE DATE: 11/01/1994

FILING DATE: 08/04/1993 ISSUE DATE: 11/01/1994

FILING DATE: 03/12/1993 ISSUE DATE: 11/29/1994

FILING DATE: 08/27/1993 ISSUE DATE: 12/06/1994

FILING DATE: 09/08/1992 ISSUE DATE: 12/06/1994

FILING DATE: 02/18/1993 ISSUE DATE: 01/03/1995

FILING DATE: 09/22/1993 ISSUE DATE: 02/28/1995

FILING DATE: 04/04/1994 ISSUE DATE: 03/21/1995

FILING DATE: 07/25/1994 ISSUE DATE: 03/28/1995

FILING DATE: 07/25/1994 ISSUE DATE: 03/28/1995

FILING DATE: 01/06/1994 ISSUE DATE: 04/04/1995

FILING DATE: 08/18/1993 ISSUE DATE: 04/04/1995

FILING DATE: 10/23/1992 ISSUE DATE: 04/18/1995

SERIAL NUMBER:	: 07977312	FILING DATE: 11/16/1992
PATENT NUMBER:	5409904	FILING DATE: 11/16/1992 ISSUE DATE: 04/25/1995 FILING DATE: 09/29/1993 ISSUE DATE: 05/02/1995
SERIAL NUMBER:	08128460	FILING DATE: 09/29/1993
SERIAL NUMBER:	08142624	FILING DATE: 10/25/1993
PATENT NUMBER:	5415837	FILING DATE: 10/25/1993 ISSUE DATE: 05/16/1995
SERIAL NUMBER:	08190262	FILING DATE: 02/02/1994
PATENT NUMBER:	5417654	FILING DATE: 02/02/1994 ISSUE DATE: 05/23/1995
SERIAL NUMBER:		FILING DATE: 12/08/1993 ISSUE DATE: 06/13/1995
PATENT NUMBER:		
SERIAL NUMBER:	08182916	FILING DATE: 01/14/1994 ISSUE DATE: 06/13/1995
SERIAL NUMBER:	08234765	FILING DATE: 04/28/1994 ISSUE DATE: 07/11/1995
PATENT NUMBER:	5431664	ISSUE DATE: 07/11/1995
SERIAL NUMBER:	08048149	FILING DATE: 04/15/1993
PATENT NUMBER:	5441496	ISSUE DATE: 07/11/1995 FILING DATE: 04/15/1993 ISSUE DATE: 08/15/1995
SERIAL NUMBER:	08163973 5441958	FILING DATE: 12/08/1993 ISSUE DATE: 08/15/1995
PATENT NUMBER:		
SERIAL NUMBER:	08205758	FILING DATE: 03/04/1994
PATENT NUMBER:	5446177	FILING DATE: 03/04/1994 ISSUE DATE: 08/29/1995
SERIAL NUMBER:	08129962	FILING DATE: 09/29/1993
PATENT NUMBER:	5449671	FILING DATE: 09/29/1993 ISSUE DATE: 09/12/1995
SERIAL NUMBER:	08280268	FILING DATE: 07/26/1994
PATENT NUMBER:	5454818	FILING DATE: 07/26/1994 ISSUE DATE: 10/03/1995
SERIAL NUMBER:	08215216 5457126	FILING DATE: 03/21/1994
PATENT NUMBER:		
SERIAL NUMBER:	08273387	FILING DATE: 07/11/1994
PATENT NUMBER:	5457245	FILING DATE: 07/11/1994 ISSUE DATE: 10/10/1995
SERIAL NUMBER:		FILING DATE: 01/10/1995
PATENT NUMBER:		ISSUE DATE: 10/24/1995
SERIAL NUMBER:	08178941	FILING DATE: 01/07/1994
PATENT NUMBER:	•	ISSUE DATE: 10/24/1995
SERIAL NUMBER:	08107268	FILING DATE: 08/16/1993
PATENT NUMBER:	5462713	ISSUE DATE: 10/31/1995
SERIAL NUMBER:		FILING DATE: 02/27/1995
PATENT NUMBER:	5464025	ISSUE DATE: 11/07/1995

011667/0559 PAGE 17 SERIAL NUMBER: 08303900 FILING DATE: 09/09/1994 PATENT NUMBER: 5464831 ISSUE DATE: 11/07/1995 SERIAL NUMBER: 08209325 FILING DATE: 03/10/1994 PATENT NUMBER: 5464866 ISSUE DATE: 11/07/1995 SERIAL NUMBER: 08138663 FILING DATE: 10/18/1993 PATENT NUMBER: 5470932 ISSUE DATE: 11/28/1995 SERIAL NUMBER: 08317043 FILING DATE: 10/03/1994 PATENT NUMBER: 5470973 ISSUE DATE: 11/28/1995 SERIAL NUMBER: 08181324 FILING DATE: 01/14/1994 PATENT NUMBER: 5473067 ISSUE DATE: 12/05/1995 SERIAL NUMBER: 08343742 FILING DATE: 11/22/1994 PATENT NUMBER: 5474532 ISSUE DATE: 12/12/1995 SERIAL NUMBER: 08254090 FILING DATE: 06/06/1994 PATENT NUMBER: 5475034 ISSUE DATE: 12/12/1995 SERIAL NUMBER: 08422570 FILING DATE: 04/10/1995 PATENT NUMBER: 5480900 ISSUE DATE: 01/02/1996 SERIAL NUMBER: 08278767 FILING DATE: 07/22/1994 PATENT NUMBER: 5494937 ISSUE DATE: 02/27/1996 SERIAL NUMBER: 08198427 FILING DATE: 02/22/1994 PATENT NUMBER: 5505953 ISSUE DATE: 04/09/1996 SERIAL NUMBER: 08049215 FILING DATE: 04/19/1993 PATENT NUMBER: 5506226 ISSUE DATE: 04/09/1996 SERIAL NUMBER: 08303991 FILING DATE: 09/09/1994 PATENT NUMBER: 5510347 ISSUE DATE: 04/23/1996 SERIAL NUMBER: 08101598 FILING DATE: 08/03/1993 PATENT NUMBER: 5510383 ISSUE DATE: 04/23/1996 SERIAL NUMBER: 08372696 FILING DATE: 01/13/1995 PATENT NUMBER: 5512597 ISSUE DATE: 04/30/1996 SERIAL NUMBER: 08354294 FILING DATE: 12/13/1994 PATENT NUMBER: 5517261 ISSUE DATE: 05/14/1996. SERIAL NUMBER: 08106459 FILING DATE: 08/13/1993 PATENT NUMBER: 5520920 ISSUE DATE: 05/28/1996 SERIAL NUMBER: 08322250 FILING DATE: 10/13/1994 PATENT NUMBER: 5521168

SERIAL NUMBER: 08099304

PATENT NUMBER: 5521208

ISSUE DATE: 05/28/1996

FILING DATE: 07/29/1993

ISSUE DATE: 05/28/1996

SERIAL NUMBER: 08356044 PATENT NUMBER: 5521222	FILING DATE: 12/14/1994
PATENT NUMBER: 5521222	ISSUE DATE: 05/28/1996
SERIAL NUMBER: 08382316 PATENT NUMBER: 5523029	FILING DATE: 02/01/1995
PATENT NUMBER: 5523029	ISSUE DATE: 06/04/1996
SERIAL NUMBER: 08264812	FILING DATE: 06/23/1994 ISSUE DATE: 06/04/1996
PATENT NUMBER: 5523316	ISSUE DATE: 06/04/1996
SERIAL NUMBER: 08332688	FILING DATE: 11/01/1994
PATENT NUMBER: 5525349	ISSUE DATE: 06/11/1996
	FILING DATE: 11/01/1994 ISSUE DATE: 06/11/1996
SERIAL NUMBER: 08046619	FILING DATE: 04/14/1993
PATENT NUMBER: 5526072	ISSUE DATE: 06/11/1996
	ISSUE DATE: 06/11/1996 FILING DATE: 05/22/1995 ISSUE DATE: 06/18/1996
SERIAL NUMBER: 08447334	FILING DATE: 05/22/1995
PATENT NUMBER: 5528322	ISSUE DATE: 06/18/1996
SERIAL NUMBER: 08172625	FILING DATE: 12/22/1993
PATENT NUMBER: 5532224	ISSUE DATE: 07/02/1996
SERIAL NUMBER: 08172625 PATENT NUMBER: 5532224	
SERIAL NUMBER: 08362381	FILING DATE: 12/22/1994
SERIAL NUMBER: 08362381 PATENT NUMBER: 5534952	ISSUE DATE: 07/09/1996
SERIAL NUMBER: 08318022 PATENT NUMBER: 5536494	
SERIAL NUMBER: U8318U22	FILING DATE: 10/04/1994
PATENT NUMBER: 5536494	ISSUE DATE: 07/16/1996
SERIAL NUMBER: 08374470 PATENT NUMBER: 5538966	
PATENT NUMBER: 003/44/0	FILING DATE: 01/20/1995
1711 IIII 11011DEN. 3336366	1550E DATE: 07/23/1996
SERIAL NUMBER: 08472446	FILING DATE: 06/07/1995 ISSUE DATE: 07/30/1996
PATENT NUMBER: 5540918	ISSUE DATE: 07/30/1006
SERIAL NUMBER: 08445799	FILING DATE: 05/22/1995 ISSUE DATE: 08/06/1996
PATENT NUMBER: 5543504	ISSUE DATE: 08/06/1996
	===== ===== ==========================
SERIAL NUMBER: 08355361 PATENT NUMBER: 5547663	FILING DATE: 12/13/1994
PATENT NUMBER: 5547663	ISSUE DATE: 08/20/1996
SERIAL NUMBER: 08334512	FILING DATE: 11/04/1994 ISSUE DATE: 09/10/1996
PATENT NUMBER: 5554367	ISSUE DATE: 09/10/1996
SERIAL NUMBER: 08412435	FILING DATE: 03/29/1995
PATENT NUMBER: 5558876	ISSUE DATE: 09/24/1996
•	
SERIAL NUMBER: 08514160	FILING DATE: 08/11/1995
PATENT NUMBER: 5562693	ISSUE DATE: 10/08/1996
SERIAL NUMBER: 08348509	FILING DATE: 12/01/1994
PATENT NUMBER: 5565492	ISSUE DATE: 10/15/1996
SERIAL NUMBER: 08395017	FILING DATE: 02/27/1995
PATENT NUMBER: 5573726	ISSUE DATE: 11/12/1996
	. = - , 2333

SERIAL NUMBER: 08405333
PATENT NUMBER: 5573775

SERIAL NUMBER: 08477000 PATENT NUMBER: 5576278

SERIAL NUMBER: 08425132 PATENT NUMBER: 5578578

SERIAL NUMBER: 08405334 PATENT NUMBER: 5580570

SERIAL NUMBER: 08405059 PATENT NUMBER: 5582835

SERIAL NUMBER: 08317276 PATENT NUMBER: 5583150

SERIAL NUMBER: 08362716 PATENT NUMBER: 5585377

SERIAL NUMBER: 08559016 PATENT NUMBER: 5588815

SERIAL NUMBER: 08405466 PATENT NUMBER: 5589184

SERIAL NUMBER: 08407517 PATENT NUMBER: 5589185

SERIAL NUMBER: 08481905 PATENT NUMBER: 5591397

SERIAL NUMBER: 08514663 PATENT NUMBER: 5603710

SERIAL NUMBER: 08570370 PATENT NUMBER: 5603774

SERIAL NUMBER: 08477001 PATENT NUMBER: 5604190

SERIAL NUMBER: 08486841
PATENT NUMBER: 5604244

SERIAL NUMBER: 08516664 PATENT NUMBER: 5605661

SERIAL NUMBER: 08571326 PATENT NUMBER: 5605922

SERIAL NUMBER: 08362718 PATENT NUMBER: 5607966 FILING DATE: 03/16/1995 ISSUE DATE: 11/12/1996

FILING DATE: 06/07/1995 ISSUE DATE: 11/19/1996

FILING DATE: 04/19/1995 ISSUE DATE: 11/26/1996

FILING DATE: 03/16/1995 ISSUE DATE: 12/03/1996

FILING DATE: 03/16/1995 ISSUE DATE: 12/10/1996

FILING DATE: 10/04/1994 ISSUE DATE: 12/10/1996

FILING DATE: 12/23/1994 ISSUE DATE: 12/17/1996

FILING DATE: 11/15/1995 ISSUE DATE: 12/31/1996

FILING DATE: 03/16/1995 ISSUE DATE: 12/31/1996

FILING DATE: 03/16/1995 ISSUE DATE: 12/31/1996

FILING DATE: 06/07/1995 ISSUE DATE: 01/07/1997

FILING DATE: 08/14/1995 ISSUE DATE: 02/18/1997

FILING DATE: 12/11/1995 ISSUE DATE: 02/18/1997

FILING DATE: 06/07/1995 ISSUE DATE: 02/18/1997

FILING DATE: 06/07/1995 ISSUE DATE: 02/18/1997

FILING DATE: 08/18/1995 ISSUE DATE: 02/25/1997

FILING DATE: 12/12/1995 ISSUE DATE: 02/25/1997

FILING DATE: 12/23/1994 ISSUE DATE: 03/04/1997

SERIAL NUMBER: 08555252 PATENT NUMBER: 5612364	FILING DATE: 11/08/1995 ISSUE DATE: 03/18/1997
SERIAL NUMBER: 08166033 PATENT NUMBER: 5618316	FILING DATE: 12/14/1993 ISSUE DATE: 04/08/1997
SERIAL NUMBER: 08518289 PATENT NUMBER: 5618800	FILING DATE: 08/23/1995 ISSUE DATE: 04/08/1997
SERIAL NUMBER: 08461329 PATENT NUMBER: 5620970	FILING DATE: 06/05/1995 ISSUE DATE: 04/15/1997
SERIAL NUMBER: 08355461 PATENT NUMBER: 5624893	FILING DATE: 12/13/1994 ISSUE DATE: 04/29/1997 FILING DATE: 10/25/1995 ISSUE DATE: 05/06/1997
SERIAL NUMBER: 08389669 PATENT NUMBER: 5627214	FILING DATE: 02/16/1995 ISSUE DATE: 05/06/1997
	FILING DATE: 09/30/1993 ISSUE DATE: 05/20/1997
SERIAL NUMBER: 08381889 PATENT NUMBER: 5631005	
	FILING DATE: 12/22/1994 ISSUE DATE: 05/20/1997
SERIAL NUMBER: 08599771 PATENT NUMBER: 5634912 SERIAL NUMBER: 08396284 PATENT NUMBER: 5635172	FILING DATE: 02/12/1996 ISSUE DATE: 06/03/1997
SERIAL NUMBER: 08396284 PATENT NUMBER: 5635172	FILING DATE: 02/27/1995 ISSUE DATE: 06/03/1997
PATENT NUMBER: 5643943	FILING DATE: 06/07/1995 ISSUE DATE: 07/01/1997
	FILING DATE: 07/08/1994 ISSUE DATE: 07/08/1997
SERIAL NUMBER: 08472685 PATENT NUMBER: 5646149	FILING DATE: 06/07/1995 ISSUE DATE: 07/08/1997
SERIAL NUMBER: 08583928 PATENT NUMBER: 5650541	FILING DATE: 01/11/1996 ISSUE DATE: 07/22/1997
SERIAL NUMBER: 08404475 PATENT NUMBER: 5654262	FILING DATE: 03/14/1995 ISSUE DATE: 08/05/1997
SERIAL NUMBER: 08329916 PATENT NUMBER: 5658070	FILING DATE: 10/27/1994 ISSUE DATE: 08/19/1997

SERIAL NUMBER: 08513796

PATENT NUMBER: 5684156

SERIAL NUMBER: 08667347 FILING DATE: 06/21/1996 PATENT NUMBER: 5662707 ISSUE DATE: 09/02/1997 SERIAL NUMBER: 08342523 FILING DATE: 11/21/1994 PATENT NUMBER: 5662919 ISSUE DATE: 09/02/1997 SERIAL NUMBER: 08405060 FILING DATE: 03/16/1995 PATENT NUMBER: 5665373 ISSUE DATE: 09/09/1997 SERIAL NUMBER: 08769293 FILING DATE: 12/18/1996 PATENT NUMBER: 5665773 ISSUE DATE: 09/09/1997 SERIAL NUMBER: 08445850 FILING DATE: 05/22/1995 PATENT NUMBER: 5668133 ISSUE DATE: 09/16/1997 SERIAL NUMBER: 08515732 FILING DATE: 08/18/1995 PATENT NUMBER: 5672213 ISSUE DATE: 09/30/1997 SERIAL NUMBER: 08235778 FILING DATE: 04/29/1994 PATENT NUMBER: 5672575 ISSUE DATE: 09/30/1997 SERIAL NUMBER: 08548126 FILING DATE: 10/25/1995 PATENT NUMBER: 5674194 ISSUE DATE: 10/07/1997 SERIAL NUMBER: 08590655 FILING DATE: 01/24/1996 PATENT NUMBER: 5676530 ISSUE DATE: 10/14/1997 SERIAL NUMBER: 08723665 FILING DATE: 10/04/1996 PATENT NUMBER: 5676649 ISSUE DATE: 10/14/1997 SERIAL NUMBER: 08674368 FILING DATE: 07/02/1996 PATENT NUMBER: 5677335 ISSUE DATE: 10/14/1997 SERIAL NUMBER: 08544624 FILING DATE: 10/18/1995 PATENT NUMBER: 5679336 ISSUE DATE: 10/21/1997 SERIAL NUMBER: 08342524 FILING DATE: 11/21/1994 PATENT NUMBER: 5679666 ISSUE DATE: 10/21/1997 SERIAL NUMBER: 08357623 FILING DATE: 12/15/1994 PATENT NUMBER: 5679670 ISSUE DATE: 10/21/1997 SERIAL NUMBER: 08547930 FILING DATE: 10/25/1995 PATENT NUMBER: 5681264 ISSUE DATE: 10/28/1997 SERIAL NUMBER: 08566640 FILING DATE: 12/04/1995 PATENT NUMBER: 5681834 ISSUE DATE: 10/28/1997 SERIAL NUMBER: 08563315 FILING DATE: 11/22/1995 PATENT NUMBER: 5681854

ISSUE DATE: 10/28/1997

FILING DATE: 08/31/1995

ISSUE DATE: 11/04/1997

SERIAL NUMBER: 08472452 PATENT NUMBER: 5686450	FILING DATE: 06/07/1995 ISSUE DATE: 11/11/1997
SERIAL NUMBER: 08519327 PATENT NUMBER: 5686488	FILING DATE: 08/25/1995 ISSUE DATE: 11/11/1997
SERIAL NUMBER: 08468680 PATENT NUMBER: 5686621	FILING DATE: 06/07/1995 ISSUE DATE: 11/11/1997 FILING DATE: 08/25/1995 ISSUE DATE: 11/11/1997 FILING DATE: 06/06/1995 ISSUE DATE: 11/11/1997
SERIAL NUMBER: 08690610 PATENT NUMBER: 5688828	FILING DATE: 07/31/1996 ISSUE DATE: 11/18/1997
	FILING DATE: 06/06/1995 ISSUE DATE: 11/25/1997
SERIAL NUMBER: 08739245 PATENT NUMBER: 5693095	
SERIAL NUMBER: 08602476 PATENT NUMBER: 5696091	FILING DATE: 02/20/1996 ISSUE DATE: 12/09/1997
	FILING DATE: 10/31/1995 ISSUE DATE: 12/09/1997
SERIAL NUMBER: 08643387	FILING DATE: 05/06/1996
SERIAL NUMBER: 08480707 PATENT NUMBER: 5698733	FILING DATE: 06/07/1995 ISSUE DATE: 12/16/1997
SERIAL NUMBER: 08655346 PATENT NUMBER: 5699142	FILING DATE: 05/23/1996 ISSUE DATE: 12/16/1997
PATENT NUMBER: 5700794	FILING DATE: 07/01/1996 ISSUE DATE: 12/23/1997
SERIAL NUMBER: 08577037 PATENT NUMBER: 5700835	FILING DATE: 12/22/1995 ISSUE DATE: 12/23/1997
SERIAL NUMBER: 08572486 PATENT NUMBER: 5702270	FILING DATE: 12/14/1995 ISSUE DATE: 12/30/1997
SERIAL NUMBER: 08766539 PATENT NUMBER: 5702400	FILING DATE: 12/11/1996 ISSUE DATE: 12/30/1997
SERIAL NUMBER: 08547755 PATENT NUMBER: 5705510	FILING DATE: 10/25/1995 ISSUE DATE: 01/06/1998
SERIAL NUMBER: 08391889 PATENT NUMBER: 5714463	FILING DATE: 02/21/1995 ISSUE DATE: 02/03/1998
SERIAL NUMBER: 08567972 PATENT NUMBER: 5716403	FILING DATE: 12/06/1995 ISSUE DATE: 02/10/1998

SERIAL NUMBER: 08768747

PATENT NUMBER: 5811453

SERIAL NUMBER: 08800370 FILING DATE: 02/14/1997 PATENT NUMBER: 5718677 ISSUE DATE: 02/17/1998 SERIAL NUMBER: 08559222 FILING DATE: 11/16/1995 PATENT NUMBER: 5718895 ISSUE DATE: 02/17/1998 SERIAL NUMBER: 08511944 FILING DATE: 08/07/1995 PATENT NUMBER: 5719167 ISSUE DATE: 02/17/1998 SERIAL NUMBER: 08167470 FILING DATE: 12/15/1993 PATENT NUMBER: 5721273 ISSUE DATE: 02/24/1998 SERIAL NUMBER: 08544753 FILING DATE: 10/18/1995 PATENT NUMBER: 5723421 ISSUE DATE: 03/03/1998 SERIAL NUMBER: 08575740 FILING DATE: 12/18/1995 PATENT NUMBER: 5741817 ISSUE DATE: 04/21/1998 SERIAL NUMBER: 08852792 FILING DATE: 05/07/1997 PATENT NUMBER: 5747824 ISSUE DATE: 05/05/1998 SERIAL NUMBER: 08526913 FILING DATE: 09/12/1995 PATENT NUMBER: 5750564 ISSUE DATE: 05/12/1998 SERIAL NUMBER: 08895184 FILING DATE: 07/16/1997 PATENT NUMBER: 5770592 ISSUE DATE: 06/23/1998 SERIAL NUMBER: 08560776 FILING DATE: 11/21/1995 PATENT NUMBER: 5780450 ISSUE DATE: 07/14/1998 SERIAL NUMBER: 08644018 FILING DATE: 05/09/1996 PATENT NUMBER: 5798356 ISSUE DATE: 08/25/1998 SERIAL NUMBER: 08558308 FILING DATE: 11/15/1995 PATENT NUMBER: 5800396 ISSUE DATE: 09/01/1998 SERIAL NUMBER: 08551549 FILING DATE: 11/01/1995 PATENT NUMBER: 5803966 ISSUE DATE: 09/08/1998 SERIAL NUMBER: 08480706 FILING DATE: 06/07/1995 PATENT NUMBER: 5807892 ISSUE DATE: 09/15/1998 SERIAL NUMBER: 08769257 FILING DATE: 12/18/1996 PATENT NUMBER: 5808396 ISSUE DATE: 09/15/1998 SERIAL NUMBER: 08849230 FILING DATE: 06/04/1997 PATENT NUMBER: 5811438 ISSUE DATE: 09/22/1998 SERIAL NUMBER: 08803667 FILING DATE: 02/21/1997 PATENT NUMBER: 5811443

ISSUE DATE: 09/22/1998

FILING DATE: 12/17/1996

ISSUE DATE: 09/22/1998

		•
SERIAL NUMBER: 08	479281	FILING DATE: 06/07/1995 ISSUE DATE: 09/22/1998 FILING DATE: 06/18/1997 ISSUE DATE: 09/29/1998 FILING DATE: 12/03/1996 ISSUE DATE: 10/27/1998
PATENT NUMBER: 58	11466	ISSUE DATE: 09/22/1998
SERIAL NUMBER: 08	878030	FILING DATE: 06/18/1997
PATENT NUMBER: 58	14660	ISSUE DATE: 09/29/1998
SERIAL NUMBER: 08	758787	FILING DATE: 12/03/1996
PATENT NUMBER: 58	27835	ISSUE DATE: 10/27/1998
SERIAL NUMBER: 08	969092	FILING DATE: 11/12/1997
PATENT NUMBER: 58	42567	FILING DATE: 11/12/1997 ISSUE DATE: 12/01/1998
SERIAL NUMBER: 08	945132	FILING DATE: 10/20/1997
PATENT NUMBER: 58	46988	FILING DATE: 10/20/1997 ISSUE DATE: 12/08/1998
SERIAL NUMBER: 08	738629	FILING DATE: 10/29/1996
PATENT NUMBER: 58	49792	FILING DATE: 10/29/1996 ISSUE DATE: 12/15/1998
SERIAL NUMBER: 08	878031	FILING DATE: 06/18/1997
		FILING DATE: 06/18/1997 ISSUE DATE: 02/02/1999
SERIAL NUMBER: 088	820186	FILING DATE: 03/19/1997
PATENT NUMBER: 586	68868	FILING DATE: 03/19/1997 ISSUE DATE: 02/09/1999
SERIAL NUMBER: 085	583381	FILING DATE: 01/05/1996
PATENT NUMBER: 587	74469	FILING DATE: 01/05/1996 ISSUE DATE: 02/23/1999
SERIAL NUMBER: 090	012128	FTI.ING DATE: 01/22/1998
PATENT NUMBER: 587	76379	FILING DATE: 01/22/1998 ISSUE DATE: 03/02/1999 FILING DATE: 10/15/1996 ISSUE DATE: 03/16/1999
SERIAL NUMBER: 087	732591	FILING DATE: 10/15/1996
PATENT NUMBER: 588	32421	ISSUE DATE: 03/16/1999
SERIAL NUMBER: 089	19882	FILING DATE: 08/28/1997
PATENT NUMBER: 588	33108	FILING DATE: 08/28/1997 ISSUE DATE: 03/16/1999
SERIAL NUMBER: 087	66538	FILING DATE: 12/11/1996
PATENT NUMBER: 588	35243	FILING DATE: 12/11/1996 ISSUE DATE: 03/23/1999
SERIAL NUMBER: 089	17795	FILING DATE: 08/21/1997
PATENT NUMBER: 588	9052	FILING DATE: 08/21/1997 ISSUE DATE: 03/30/1999
SERIAL NUMBER: 089	08229	FILING DATE: 08/07/1997
PATENT NUMBER: 589		ISSUE DATE: 04/06/1999
SERIAL NUMBER: 091	23211	FILING DATE: 07/27/1998
PATENT NUMBER: 589		ISSUE DATE: 05/04/1999
SERIAL NUMBER: 090	47584	FILING DATE: 03/25/1998
PATENT NUMBER: 590		ISSUE DATE: 05/04/1999
		Dhil. 03/04/1373
SERIAL NUMBER: 090		FILING DATE: 02/13/1998
PATENT NUMBER: 590	8849	ISSUE DATE: 06/01/1999

PATENT NUMBER: 5969791

SERIAL NUMBER: 09099669 FILING DATE: 06/18/1998 PATENT NUMBER: 5909745 ISSUE DATE: 06/08/1999 SERIAL NUMBER: 08957892 FILING DATE: 10/27/1997 PATENT NUMBER: 5916149 ISSUE DATE: 06/29/1999 SERIAL NUMBER: 08866629 FILING DATE: 05/30/1997 PATENT NUMBER: 5919313 ISSUE DATE: 07/06/1999 SERIAL NUMBER: 08556204 FILING DATE: 11/09/1995 PATENT NUMBER: 5921981 ISSUE DATE: 07/13/1999 SERIAL NUMBER: 08910923 FILING DATE: 08/08/1997 PATENT NUMBER: 5922821 ISSUE DATE: 07/13/1999 SERIAL NUMBER: 09024854 FILING DATE: 02/17/1998 PATENT NUMBER: 5925032 ISSUE DATE: 07/20/1999 SERIAL NUMBER: 08994115 FILING DATE: 12/19/1997 PATENT NUMBER: 5925673 ISSUE DATE: 07/20/1999 SERIAL NUMBER: 08992418 FILING DATE: 12/17/1997 PATENT NUMBER: 5929111 ISSUE DATE: 07/27/1999 SERIAL NUMBER: 08920314 FILING DATE: 08/27/1997 PATENT NUMBER: 5932572 ISSUE DATE: 08/03/1999 SERIAL NUMBER: 08950162 FILING DATE: 10/15/1997 PATENT NUMBER: 5938677 ISSUE DATE: 08/17/1999 SERIAL NUMBER: 08687334 FILING DATE: 08/02/1996 PATENT NUMBER: 5939369 ISSUE DATE: 08/17/1999 SERIAL NUMBER: 09089284 FILING DATE: 06/02/1998 PATENT NUMBER: 5947976 ISSUE DATE: 09/07/1999 SERIAL NUMBER: 09167031 FILING DATE: 10/06/1998 PATENT NUMBER: 5948738 ISSUE DATE: 09/07/1999 SERIAL NUMBER: 09036960 FILING DATE: 03/09/1998 PATENT NUMBER: 5948801 ISSUE DATE: 09/07/1999 SERIAL NUMBER: 08358646 FILING DATE: 12/19/1994 PATENT NUMBER: 5955436 ISSUE DATE: 09/21/1999 SERIAL NUMBER: 09164623 FILING DATE: 10/01/1998 PATENT NUMBER: 5959390 ISSUE DATE: 09/28/1999 SERIAL NUMBER: 09039168 FILING DATE: 03/13/1998 PATENT NUMBER: 5965534 ISSUE DATE: 10/12/1999 SERIAL NUMBER: 09159020

FILING DATE: 09/23/1998

ISSUE DATE: 10/19/1999

SERIAL NUMBER PATENT NUMBER	: 08575844 : 5972922	FILING DATE: 12/21/1995 ISSUE DATE: 10/26/1999
SERIAL NUMBER	: 09139387 : 5976150	FILING DATE: 08/25/1998 ISSUE DATE: 11/02/1999
SERIAL NUMBER	: 08846406	FILING DATE: 04/30/1997 ISSUE DATE: 11/16/1999
PATENT NUMBER SERIAL NUMBER		
PATENT NUMBER	: 5985310	FILING DATE: 03/10/1998 ISSUE DATE: 11/16/1999
SERIAL NUMBER PATENT NUMBER		FILING DATE: 08/06/1998 ISSUE DATE: 11/23/1999
SERIAL NUMBER PATENT NUMBER	: 0899 4114 : 5990099	
SERIAL NUMBER PATENT NUMBER	: 08809920 : 5994397	FILING DATE: 04/04/1997 ISSUE DATE: 11/30/1999
SERIAL NUMBER:	: 09130131 : 5997499	FILING DATE: 08/06/1998 ISSUE DATE: 12/07/1999
SERIAL NUMBER:	: 09139506	FILING DATE: 08/25/1998
SERIAL NÜMBER:	. 3550405	ISSUE DATE: 12/07/1999 FILING DATE: 05/29/1998 ISSUE DATE: 12/14/1999
PATENT NUMBER:		
	09266501 6004284	
SERIAL NUMBER: PATENT NUMBER:		FILING DATE: 10/31/1997 ISSUE DATE: 01/04/2000
SERIAL NUMBER: PATENT NUMBER:		FILING DATE: 06/02/1998 ISSUE DATE: 01/04/2000
SERIAL NUMBER: PATENT NUMBER:		FILING DATE: 08/27/1997 ISSUE DATE: 01/04/2000
SERIAL NUMBER: PATENT NUMBER:		FILING DATE: 02/09/1999 ISSUE DATE: 01/04/2000
SERIAL NUMBER: PATENT NUMBER:		FILING DATE: 02/26/1996 ISSUE DATE: 01/18/2000
SERIAL NUMBER: PATENT NUMBER:		FILING DATE: 08/07/1997 ISSUE DATE: 01/18/2000
SERIAL NUMBER:	09216564	FILING DATE: 12/18/1998
PATENT NUMBER:	6015922	ISSUE DATE: 01/18/2000

SERIAL NUMBER: 09304320 FILING DATE: 05/03/1999 PATENT NUMBER: 6022699 ISSUE DATE: 02/08/2000 SERIAL NUMBER: 09109852 FILING DATE: 07/02/1998 PATENT NUMBER: 6025392 ISSUE DATE: 02/15/2000 SERIAL NUMBER: 09106481 FILING DATE: 06/29/1998 PATENT NUMBER: 6028387 ISSUE DATE: 02/22/2000 SERIAL NUMBER: 09186975 FILING DATE: 11/05/1998 PATENT NUMBER: 6040468 ISSUE DATE: 03/21/2000 SERIAL NUMBER: 09117839 FILING DATE: 12/22/1998 PATENT NUMBER: 6051611 ISSUE DATE: 04/18/2000 SERIAL NUMBER: 08700917 FILING DATE: 08/21/1996 PATENT NUMBER: 6059544 ISSUE DATE: 05/09/2000 SERIAL NUMBER: 09241208 FILING DATE: 02/01/1999 PATENT NUMBER: 6066128 ISSUE DATE: 05/23/2000 SERIAL NUMBER: 08994903 FILING DATE: 12/19/1997 PATENT NUMBER: 6066671 ISSUE DATE: 05/23/2000 SERIAL NUMBER: 08769256 FILING DATE: 12/18/1996 PATENT NUMBER: 6069120 ISSUE DATE: 05/30/2000 SERIAL NUMBER: 08886933 FILING DATE: 07/02/1997 PATENT NUMBER: 6071904 ISSUE DATE: 06/06/2000 SERIAL NUMBER: 09106223 FILING DATE: 06/29/1998 PATENT NUMBER: 6077285 ISSUE DATE: 06/20/2000 SERIAL NUMBER: 09090433 FILING DATE: 06/04/1998 PATENT NUMBER: 6080128 ISSUE DATE: 06/27/2000 SERIAL NUMBER: 09294643 FILING DATE: 04/19/1999 PATENT NUMBER: 6083231 ISSUE DATE: 07/04/2000 SERIAL NUMBER: 08994233 FILING DATE: 12/19/1997 PATENT NUMBER: 6090798 ISSUE DATE: 07/18/2000 SERIAL NUMBER: 09208184 FILING DATE: 12/09/1998 PATENT NUMBER: 6095901 ISSUE DATE: 08/01/2000 SERIAL NUMBER: 09124126 FILING DATE: 07/29/1998 PATENT NUMBER: 6096028 ISSUE DATE: 08/01/2000 SERIAL NUMBER: 09212372 FILING DATE: 12/15/1998 PATENT NUMBER: 6096783 ISSUE DATE: 08/01/2000 SERIAL NUMBER: 09374854 FILING DATE: 08/16/1999 PATENT NUMBER: 6110162 ISSUE DATE: 08/29/2000

SERIAL NUMBER: PATENT NUMBER:	09419516 6139646	FILING DATE: 10/18/1999 ISSUE DATE: 10/31/2000
SERIAL NUMBER: PATENT NUMBER:	09123772 6139794	FILING DATE: 10/18/1999 ISSUE DATE: 10/31/2000 FILING DATE: 07/28/1998 ISSUE DATE: 10/31/2000
SERIAL NUMBER: PATENT NUMBER:	09109453 6143799	FILING DATE: 07/02/1998 ISSUE DATE: 11/07/2000 FILING DATE: 09/21/1999 ISSUE DATE: 11/14/2000
SERIAL NUMBER: PATENT NUMBER:	09399698 6146622	FILING DATE: 09/21/1999 ISSUE DATE: 11/14/2000
SERIAL NUMBER: PATENT NUMBER:	09330698 6156036	FILING DATE: 06/11/1999 ISSUE DATE: 12/05/2000
SERIAL NUMBER: PATENT NUMBER:	08984909 6158862	FILING DATE: 12/04/1997 ISSUE DATE: 12/12/2000
SERIAL NUMBER: PATENT NUMBER:	09452044 6160013	ISSUE DATE: 12/12/2000 FILING DATE: 11/30/1999 ISSUE DATE: 12/12/2000
SERIAL NUMBER: PATENT NUMBER:	09365454 6166073	FILING DATE: 08/02/1999 ISSUE DATE: 12/26/2000
PATENT NUMBER:	6169111	ISSUE DATE: 01/02/2001
	09296893 6171404	
PATENT NUMBER: (08491005 6172054	FILING DATE: 06/15/1995 ISSUE DATE: 01/09/2001
	5172109	FILING DATE: 06/03/1998 ISSUE DATE: 01/09/2001
SERIAL NUMBER: (PATENT NUMBER: (SERIAL NUMBER: (FILING DATE: 03/26/1999 ISSUE DATE: 01/16/2001
PATENT NUMBER: 6 SERIAL NUMBER: 0		FILING DATE: 08/31/1999 ISSUE DATE: 01/16/2001
PATENT NUMBER: 6	174914	FILING DATE: 06/15/1999 ISSUE DATE: 01/16/2001
SERIAL NUMBER: 0 PATENT NUMBER: 6 SERIAL NUMBER: 0	177427	FILING DATE: 07/01/1999 ISSUE DATE: 01/23/2001
PATENT NUMBER: 0 SERIAL NUMBER: 0	179805	FILING DATE: 10/28/1999 ISSUE DATE: 01/30/2001
PATENT NUMBER: 6		FILING DATE: 06/18/1999 ISSUE DATE: 01/30/2001

SERIAL NUMBER: 29046467

PATENT NUMBER: D375553

SERIAL NUMBER: 09144545 FILING DATE: 09/01/1998 PATENT NUMBER: 6184189 ISSUE DATE: 02/06/2001 SERIAL NUMBER: 09281043 FILING DATE: 03/30/1999 PATENT NUMBER: 6184250 ISSUE DATE: 02/06/2001 SERIAL NUMBER: 09453103 FILING DATE: 12/02/1999 PATENT NUMBER: 6186868 ISSUE DATE: 02/13/2001 SERIAL NUMBER: 09283701 FILING DATE: 04/01/1999 PATENT NUMBER: 6187042 ISSUE DATE: 02/13/2001 SERIAL NUMBER: 09319064 FILING DATE: 05/27/1999 PATENT NUMBER: 6191126 ISSUE DATE: 02/20/2001 SERIAL NUMBER: 09253234 FILING DATE: 02/21/1999 PATENT NUMBER: 6193650 ISSUE DATE: 02/27/2001 SERIAL NUMBER: 09428742 FILING DATE: 10/28/1999 PATENT NUMBER: 6196989 ISSUE DATE: 03/06/2001 SERIAL NUMBER: 07293479 FILING DATE: 01/04/1989 PATENT NUMBER: D320856 ISSUE DATE: 10/15/1991 SERIAL NUMBER: 07254256 FILING DATE: 10/06/1988 PATENT NUMBER: D325086 ISSUE DATE: 03/31/1992 SERIAL NUMBER: 29001926 FILING DATE: 11/25/1992 PATENT NUMBER: D344903 ISSUE DATE: 03/08/1994 SERIAL NUMBER: 29005996 FILING DATE: 03/16/1993 PATENT NUMBER: D345213 ISSUE DATE: 03/15/1994 SERIAL NUMBER: 29004357 FILING DATE: 02/02/1993 PATENT NUMBER: D349342 · ISSUE DATE: 08/02/1994 SERIAL NUMBER: 29004594 FILING DATE: 02/09/1993 PATENT NUMBER: D351227 ISSUE DATE: 10/04/1994 SERIAL NUMBER: 07939625 FILING DATE: 09/02/1992 PATENT NUMBER: D352106 ISSUE DATE: 11/01/1994 SERIAL NUMBER: 29007332 FILING DATE: 04/20/1993 PATENT NUMBER: D354283 ISSUE DATE: 01/10/1995 SERIAL NUMBER: 29020225 FILING DATE: 03/22/1994 PATENT NUMBER: D360068 ISSUE DATE: 07/11/1995 SERIAL NUMBER: 29035455 FILING DATE: 02/27/1995 PATENT NUMBER: D368434 ISSUE DATE: 04/02/1996

FILING DATE: 11/15/1995

ISSUE DATE: 11/12/1996

.

SERIAL NUMBER: 29047942 PATENT NUMBER: D376207

SERIAL NUMBER: 29046443 PATENT NUMBER: D380550

SERIAL NUMBER: 29047874 PATENT NUMBER: D381421

SERIAL NUMBER: 29055127 PATENT NUMBER: D382399

SERIAL NUMBER: 29057549 PATENT NUMBER: D397433

SERIAL NUMBER: 29090038 PATENT NUMBER: D407488

SERIAL NUMBER: 29101554 PATENT NUMBER: D426130

SERIAL NUMBER: 08994957 PATENT NUMBER: 6051573

SERIAL NUMBER: 29102713 PATENT NUMBER: D435652

SERIAL NUMBER: 29004350 PATENT NUMBER: D351095

FILING DATE: 12/15/1995 · ISSUE DATE: 12/03/1996

FILING DATE: 11/14/1995 ISSUE DATE: 07/01/1997

FILING DATE: 12/14/1995 ISSUE DATE: 07/22/1997

FILING DATE: 05/30/1996 ISSUE DATE: 08/19/1997

FILING DATE: 07/26/1996 ISSUE DATE: 08/25/1998

FILING DATE: 06/29/1998 ISSUE DATE: 03/30/1999

FILING DATE: 03/05/1999 ISSUE DATE: 06/06/2000

FILING DATE: 12/19/1997 ISSUE DATE: 04/18/2000

FILING DATE: 03/30/1999 ISSUE DATE: 12/26/2000

FILING DATE: 02/02/1993 ISSUE DATE: 10/04/1994

ANTIONE ROYALL, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

04-20-2001



101681056

90: LAUELLER 00000:44 010688

20800.00 CH

07569496



26356

U.S. Department of Comment Patent and Trademark Office
PAIENT

, , ,	1001000				1/1	m_{co}
ī		DA.	N FORM CO		11.	MAR 26 2001
TO: The Comm	issioner of Patents and T	radomarks: Pl	TENTS ON	L.Y		
Submission	nissioner of Patents and T	Cor	oveyance Type	attached ori	ginal docume	il(s) or copy(ies).
№ New			Assignment		urity Agreeme	
Resubmis Document	sion (Non-Recordation)	7 0	License		nge of Name	
Correction Reel #	of PTO Error Frame #		Merger	Oth		
Corrective Reel #	Document Frame #			E ONLY by U.S.	/ernment Government Ager	ncies)
Conveying P				partmental F		Secret File
Name (line 1)			Mark if additional i	names of com	eying parties at	lached Execution Date Month Day Year
Name (line 2)		Alcon Labo	oratories, Inc.			03/22/01
Second Party	<u> </u>					
Name (line 1)						Execution Date Month Day Year
Name (line 2)						076644
Receiving Pa	rty .		. Ma	rk if additional	names of receiv	ring parties attached
Name (line 1)	Alc	on Manufac	turing, Ltd.			If document to be recorded
Name (line 2)						is an assignment and the receiving party is not domiciled in the United
Address (line t)		201 South F				States, an appointment of a domestic
Address (line 2)	6201 South Freeway Or a domestic representative is attached. (Designation must be a separate document from					
Address (line 3)	Fort Worth		Texas		76134-209	Assignment.)
Domestic Rep	resentative Name a	nd Address	State/Country		Zip Code	9
Name			Enter for	the first Rece	iving Party only.	
Address (line 1)	·					
Address (line 2)						
Address (line 3)						
Address (line 4)						
<u> </u>						1 1

ublic burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and athering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, I.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

FOR OFFICE USE ONLY

Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

FORM PTO-161 Expires 06/30/99 OMB 0651-0027	9 15	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent	Name and Address	Area Code and Telephone	Number 817-551-3063
Name		Jeffrey S. Schira	
Address (line 1)		Alcon Research, Ltd	
Address (line 2)		R&D Legal Counsel (Q-	148)
Address (line 3)		6201 South Freeway	/
Address (line 4)		Fort Worth, Texas 761	34
	er the total number of pagluding any attachments.	ges of the attached conveyand	ce document # 11
• •	ber(s) or Patent Num	• • •	Mark if additional numbers attached
Enter either the Pate	nt Application Number or the P	atent Number (DO NOT ENTER BÖT)	H numbers for the same property).
	pplication Number(s)		Patent Number(s)
See Exhibit A	L	See Exhibit B	
If this document is being signed by the first name	filed together with a <u>new</u> Paten d executing inventor.	t Application, enter the date the pater	at application was Month Day Year
Patent Cooperati	on Treaty (PCT)		
	application number	PCT PCT	PCT .
only if a U	.S. Application Number een assigned.	PCT PCT	PCT
Number of Prope	rties	al number of properties involv	ed. # 520
Fee Amount	Fee Amount fo	or Properties Listed (37 CFR	3.41): \$ 22,800.
Method of Pay Deposit Accor		sed Deposit Account	
(Enter for paymer		onal fees can be charged to the accou posit Account Number:	nt.) # 01-0682
	· Au	thorization to charge additional	fees: Yes V No
Statement and Si	gnature		
To the best o	f my knowledge and beli	ef, the foregoing information)	is trug and correct and any
attached cop	y is a true copy of the ori	ginal document. Charges to	deposit account are authorized, as
indicated her	ein.	//////////	X
	S. Schira	Jeffst. le	22 March 2001
Name of Per	· . ·	Signature	Date
Reg. No	o. 34,922	•	

AML

ASSIGNMENT

WHEREAS, Alcon Laboratories, Inc., a Delaware corporation with it principal place of

business at 6201 South Freeway, Fort Worth, Texas 76134, is the owner of record of the United

States Patents and patent applications listed on attached Exhibit A and Exhibit B;

AND WHEREAS, Alcon Manufacturing, Ltd., a Texas limited partnership having a place

of business at 6201 South Freeway, Fort Worth, Texas 76134, has acquired the entire right, title and

interest in and to said inventions and in any and all Letters Patent and patent applications listed on

attached Exhibit A and Exhibit B.

NOW, THEREFORE, for good and valuable consideration, Alcon Laboratories, Inc., does

hereby sell, assign and transfer to Alcon Manufacturing, Ltd., its legal representatives, successors,

and assigns (Assignee), effective January 1, 2001, the entire right, title and interest in and to said

inventions and the patents and patent applications listed on attached Exhibit A and Exhibit B;

UPON SAID CONSIDERATION, Alcon Laboratories, Inc. hereby agrees that it will not

execute any writing or do any act whatsoever conflicting with these presents, and that it will, at any

time upon request, without further or additional consideration, but at the expense of said Assignee,

execute such additional assignments and other writings and do such additional acts as said

Assignee, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant.

ALCON LABORATORIES, INC.

James A. Arno

Vice President, Legal Counsel

STATE OF TEXAS §
COUNTY OF TARRANT §

On this 22nd day of _______, 2001, before me personally appeared JAMES A. ARNO to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

Parlan McKerrye

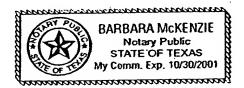


Exhibit A

Application Nu	mber Filing Date	Application Number	Filing Date
07/669496	14-Mar-1991	09/308851	24-May-1999
08/091509	14-Jul-1993	09/319524	27-Aug-1999
08/156043	23-Nov-1993	09/319893	10-Jun-1999
08/405467	16-Mar-1995	09/336922	21-Jun-1999
08/908230	07-Aug-1997	09/387358	31-Aug-1999
08/962200	31-Oct-1997	09/389436	03-Sep-1999
09/144673	01-Sep-1998	09/399013	21-Sep-1999
09/144674	01-Sep-1998	09/400133	21-Sep-1999
09/144826	01-Sep-1998	09/400134	21-Sep-1999
09/175633	20-Oct-1998	09/411747	01-Oct-1999
09/180561	06-Nov-1998	09/423762	12-Nov-1999
09/210976	14-Dec-1998	09/428742	28-Oct-1999
09/211599	14-Dec-1998	09/428744	28-Oct-1999
09/251111	16-Feb-1999	09/428978	28-Oct-1999
09/264593	08-Mar-1999	09/430513	29-Oct-1999
09/267966	12-Mar-1999	09/430533	29-Oct-1999
09/283590	01-Apr-1999	09/437453	10-Nov-1999
09/283592	01-Apr-1999	09/438987	12-Nov-1999
09/283670	01-Apr-1999	09/440248	15-Nov-1999
09/284074	05-Apr-1999	09/442231	17-Nov-1999
09/284431	02-Jun-1999	09/443765	19-Nov-1999
09/284432	02-Jun-1999	09/443767	19-Nov-1999
09/284533	02-Jun-1999	09/445168	06-Dec-1999
09/284534	02-Jun-1999	09/445237	02-Dec-1999
09/297160	22-Apr-1999	09/445320	06-Dec-1999
09/308456	14-May-1999	09/447146	23-Nov-1999
09/308610	21-May-1999	•	22-Nov-1999

Application Num	ber Filing Date	Application Number	Filing Date
09/448038	23-Nov-1999	09/582115	20-Jul-2000
09/452004	30-Nov-1999	09/597310	20-Jun-2000
09/456617	08-Dec-1999	09/601634	04-Aug-2000
09/456928	08-Dec-1999	09/604048	27-Jun-2000
09/460869	14-Dec-1999	09/605263	28-Jun-2000
09/460919	14-Dec-1999	09/633502	07-Aug-2000
09/462719	12-Jan-2000	09/636409	10-Aug-2000
09/462737	12-Jan-2000	09/645465	23-Aug-2000
09/463572	26-Jan-2000	09/646560	19-Sep-2000
09/485217	04-Feb-2000	09/646676	19-Sep-2000
09/486854	03-Mar-2000	09/646797	22-Sep-2000
09/487936	20-Jan-2000	09/646798	22-Sep-2000
09/489093	21-Jan-2000	09/646799	22-Sep-2000
09/525196	14-Mar-2000	09/646800	22-Sep-2000
09/527401	16-Mar-2000	09/647571	02-Oct-2000
09/529837	19-Apr-2000	09/647640	02-Oct-2000
09/536083	24-Mar-2000	09/651541	29-Aug-2000
09/546855	10-Apr-2000	09/660200	12-Sep-2000
09/546872	10-Apr-2000	09/660455	12-Sep-2000
09/567175	08-May-2000	09/669700	30-Oct-2000
09/575833	22-May-2000	09/674403	31-Oct-2000
09/575850	19-May-2000	09/690259	17-Oct-2000
09/577262	19-May-2000	09/704515	02-Nov-2000
09/581687	15-Jun-2000	09/728681	01-Dec-2000
09/581952	03-Aug-2000	09/760996	16-Jan-2001
09/582110	15-Jul-2000	09/761070	16-Jan-2001
09/582111	20-Jul-2000	09/765234	18-Jan-2001
09/582112	20-Jul-2000	09/766493	19-Jan-2001
09/582113	20-Jul-2000	60/214902	29-Jun-2000
09/582114	20-Jul-2000	•	
	•		

Exhibit B

Patent Number	Issue Date	Patent Number	Issue Date
4407791	04-Oct-1983	4686980	18-Aug-1987
4407792	04-Oct-1983	4706687	17-Nov-1987
4411932	25-Oct-1983	4713051	15-Dec-1987
4436745	13-Mar-1984	4721133	26-Jan-1988
4438272	20-Mar-1984	4735202	05-Apr-1988
4443432	17-Apr-1984	4737558	12-Apr-1988
4461904	24-Jul-1984	4757814	19-Jul-1988
4473076	25-Sep-1984	4758220	19-Jul-1988
4475904	09-Oct-1984	4758238	19-Jul-1988
4493783	15-Jan-1985	4768506	06-Sep-1988
4515800	07-May-1985	4770486	13-Sep-1988
4517199	14-May-1985	4770654	13-Sep-1988
4521375	04-Jun-1985	4771042	13-Sep-1988
4525346	25-Jun-1985	4787902	29-Nov-1988
4537892	27-Aug-1985	4790816	13-Dec-1988
4550022	29-Oct-1985	4792414	20-Dec-1988
4559343	17-Dec-1985	4808170	28-Feb-1989
4569133	11-Feb-1986	4808182	28-Feb-1989
4599195	08-Jul-1986	4808239	28-Feb-1989
4609493	02-Sep-1986	4810242	07-Mar-1989
4613379	23-Sep-1986	4813927	21-Mar-1989
4622503	11-Nov-1986	4824202	25-Apr-1989
4633003	30-Dec-1986	4838281	13-Jun-1989
4643724	17-Feb-1987	4850377	25-Jul-1989
4670060	02-Jun-1987	4876250	24-Oct-1989
4674629	23-Jun-1987	4877026	31-Oct-1989
4686214	11-Aug-1987	4888327	19-Dec-1989

Patent Number	Issue Date	Patent Number	Issue Date
4897981	06-Feb-1990	5151544	29-Sep-1992
4900301	13-Feb-1990	5153192	06-Oct-1992
4911920	27-Mar-1990	5154694	13-Oct-1992
4939135	03-Jul-1990	5176628	05-Jan-1993
4954960	04-Sep-1990	5178605	12-Jan-1993
4970656	13-Nov-1990	5182102	26-Jan-1993
4975537	04-Dec-1990	5188589	23-Feb-1993
4996209	26-Feb-1991	5191588	02-Mar-1993
4997442	05-Mar-1991	5192780	09-Mar-1993
5001649	19-Mar-1991	5197981	30-Mar-1993
5019037	28-May-1991	5199943	06-Apr-1993
5020535	04-Jun-1991	5201730	13-Apr-1993
5032111	16-Jul-1991	5203353	20-Apr-1993
5037484	06-Aug-1991	5209927	11-May-1993
5037647	06-Aug-1991	5211662	18-May-1993
5047009	10-Sep-1991	5212162	18-May-1993
5066276	19-Nov-1991	5212196	18-May-1993
5074440	24-Dec-1991	5217465	08-Jun-1993
5075104	24-Dec-1991	5217489	08-Jun-1993
5078712	07-Jan-1992	5221696	22-Jun-1993
5079731	07-Jan-1992	5223493	29-Jun-1993
5084009	28-Jan-1992	5224942	06-Jul-1993
5084012	28-Jan-1992	5240923	31-Aug-1993
5093126	03-Mar-1992	5261883	16-Nov-1993
5120307	09-Jun-1992	5263958	23-Nov-1993
5124392	23-Jun-1992	5271939	21-Dec-1993
5133745	28-Jul-1992	5273056	28-Dec-1993
5147393	15-Sep-1992	5275593	04-Jan-1994
5149693	22-Sep-1992	5282786	01-Feb-1994
5149694	22-Sep-1992	5282852	01-Feb-1994

5286256 15-Feb-1994 5411940 02-May-1995 5288290 22-Feb-1994 5415837 16-May-1995 5290293 01-Mar-1994 5417654 23-May-1995 5300061 05-Apr-1994 5424321 13-Jun-1995 5300287 05-Apr-1994 5424448 13-Jun-1995 5318560 07-Jun-1994 5431664 11-Jul-1995 5318717 07-Jun-1994 5441496 15-Aug-1995 5320839 14-Jun-1994 5441958 15-Aug-1995 5328481 12-Jul-1994 5446177 29-Aug-1995 5331649 19-Jul-1994 5445818 03-Oct-1995 5342620 30-Aug-1994 5457126 10-Oct-1995 5344929 06-Sep-1994 5457245 10-Oct-1995 5351168 27-Sep-1994 5460834 24-Oct-1995 5356407 18-Oct-1994 5460834 24-Oct-1995 5360593 01-Nov-1994 5464025 07-Nov-1995 5360611 01-Nov-1994 5464831 07-Nov-1995	Patent Number	Issue Date	Patent Number	Issue Date
5290293 01-Mar-1994 5417654 23-May-1995 5300061 05-Apr-1994 5424321 13-Jun-1995 5300287 05-Apr-1994 5424448 13-Jun-1995 5318560 07-Jun-1994 5431664 11-Jul-1995 5318717 07-Jun-1994 5441496 15-Aug-1995 5320839 14-Jun-1994 5441958 15-Aug-1995 5328481 12-Jul-1994 5446177 29-Aug-1995 5331394 19-Jul-1994 5454818 03-Oct-1995 5331649 19-Jul-1994 5454818 03-Oct-1995 5342620 30-Aug-1994 5457126 10-Oct-1995 5344929 06-Sep-1994 5457245 10-Oct-1995 5354265 11-Oct-1994 5460834 24-Oct-1995 5354265 11-Oct-1994 5461081 24-Oct-1995 5360593 01-Nov-1994 5464025 07-Nov-1995 5360611 01-Nov-1994 5464831 07-Nov-1995 5370744 06-Dec-1994 5470932 28-Nov-1995	5286256	15-Feb-1994	5411940	02-May-1995
5300061 05-Apr-1994 5424321 13-Jun-1995 5300287 05-Apr-1994 5424448 13-Jun-1995 5318560 07-Jun-1994 5431664 11-Jul-1995 5318717 07-Jun-1994 5441496 15-Aug-1995 5320839 14-Jun-1994 5441958 15-Aug-1995 5328481 12-Jul-1994 5446177 29-Aug-1995 5331394 19-Jul-1994 5449671 12-Sep-1995 5331649 19-Jul-1994 5454818 03-Oct-1995 5342620 30-Aug-1994 5457126 10-Oct-1995 5344929 06-Sep-1994 5457245 10-Oct-1995 5351168 27-Sep-1994 5460834 24-Oct-1995 5354070 18-Oct-1994 5461081 24-Oct-1995 5360593 01-Nov-1994 5464025 07-Nov-1995 5360611 01-Nov-1994 5464861 07-Nov-1995 5370744 06-Dec-1994 5470932 28-Nov-1995 5379703 03-Jan-1995 5473067 05-Dec-1995	5288290	22-Feb-1994	5415837	16-May-1995
5300287 05-Apr-1994 5424448 13-Jun-1995 5318560 07-Jun-1994 5431664 11-Jul-1995 5318717 07-Jun-1994 5431664 11-Jul-1995 5320839 14-Jun-1994 5441958 15-Aug-1995 5328481 12-Jul-1994 5446177 29-Aug-1995 5331394 19-Jul-1994 5449671 12-Sep-1995 5331649 19-Jul-1994 5454818 03-Oct-1995 5342620 30-Aug-1994 5457126 10-Oct-1995 5344929 06-Sep-1994 5457245 10-Oct-1995 5351168 27-Sep-1994 5460834 24-Oct-1995 5354265 11-Oct-1994 5461081 24-Oct-1995 5360593 01-Nov-1994 5464025 07-Nov-1995 53606611 01-Nov-1994 5464831 07-Nov-1995 5370744 06-Dec-1994 5470932 28-Nov-1995 5371078 06-Dec-1994 5470973 28-Nov-1995 5393491 28-Feb-1995 5475034 12-Dec-1995	5290293	01-Mar-1994	5417654	23-May-1995
5318560 07-Jun-1994 5431664 11-Jul-1995 5318717 07-Jun-1994 5441496 15-Aug-1995 5320839 14-Jun-1994 5441958 15-Aug-1995 5328481 12-Jul-1994 5446177 29-Aug-1995 5331394 19-Jul-1994 5449671 12-Sep-1995 5331649 19-Jul-1994 5454818 03-Oct-1995 5342620 30-Aug-1994 5457126 10-Oct-1995 5344929 06-Sep-1994 5457245 10-Oct-1995 5351168 27-Sep-1994 5460834 24-Oct-1995 5354265 11-Oct-1994 5461081 24-Oct-1995 5360593 01-Nov-1994 5464025 07-Nov-1995 5360611 01-Nov-1994 5464831 07-Nov-1995 5370744 06-Dec-1994 5464866 07-Nov-1995 5378703 03-Jan-1995 5473067 05-Dec-1995 5393491 28-Feb-1995 5475034 12-Dec-1995 5401509 28-Mar-1995 5480900 02-Jan-1996	5300061	05-Apr-1994	5424321	13-Jun-1995
5318717 07-Jun-1994 5441496 15-Aug-1995 5320839 14-Jun-1994 5441958 15-Aug-1995 5328481 12-Jul-1994 5446177 29-Aug-1995 5331394 19-Jul-1994 5449671 12-Sep-1995 5331649 19-Jul-1994 5454818 03-Oct-1995 5342620 30-Aug-1994 5457126 10-Oct-1995 5344929 06-Sep-1994 5457245 10-Oct-1995 5351168 27-Sep-1994 5460834 24-Oct-1995 5354265 11-Oct-1994 5461081 24-Oct-1995 5360593 01-Nov-1994 5464025 07-Nov-1995 5360611 01-Nov-1994 5464831 07-Nov-1995 5370744 06-Dec-1994 5464866 07-Nov-1995 5371078 06-Dec-1994 5470932 28-Nov-1995 5393491 28-Feb-1995 5475034 12-Dec-1995 5399737 21-Mar-1995 5475034 12-Dec-1995 5403598 04-Apr-1995 5489900 02-Jan-1996	5300287	05-Apr-1994	5424448	13-Jun-1995
5320839 14-Jun-1994 5441958 15-Aug-1995 5328481 12-Jul-1994 5446177 29-Aug-1995 5331394 19-Jul-1994 5449671 12-Sep-1995 5331649 19-Jul-1994 5454818 03-Oct-1995 5342620 30-Aug-1994 5457126 10-Oct-1995 5344929 06-Sep-1994 5457245 10-Oct-1995 5351168 27-Sep-1994 5460834 24-Oct-1995 5354265 11-Oct-1994 5461081 24-Oct-1995 5360593 01-Nov-1994 5464025 07-Nov-1995 5360611 01-Nov-1994 5464831 07-Nov-1995 5370744 06-Dec-1994 5470932 28-Nov-1995 5378703 03-Jan-1995 5473067 05-Dec-1995 5393491 28-Feb-1995 5475034 12-Dec-1995 5401509 28-Mar-1995 5480900 02-Jan-1996 5403598 04-Apr-1995 5505953 09-Apr-1996 5407926 18-Apr-1995 5506226 09-Apr-1996	5318560	07-Jun-1994	5431664	11-Jul-1995
5328481 12-Jul-1994 5446177 29-Aug-1995 5331394 19-Jul-1994 5449671 12-Sep-1995 5331649 19-Jul-1994 5454818 03-Oct-1995 5342620 30-Aug-1994 5457126 10-Oct-1995 5344929 06-Sep-1994 5457245 10-Oct-1995 5351168 27-Sep-1994 5460834 24-Oct-1995 5354265 11-Oct-1994 5461081 24-Oct-1995 5360593 01-Nov-1994 5464025 07-Nov-1995 5360611 01-Nov-1994 5464866 07-Nov-1995 5369095 29-Nov-1994 5464866 07-Nov-1995 5371078 06-Dec-1994 5470932 28-Nov-1995 5378703 03-Jan-1995 5473067 05-Dec-1995 5399737 21-Mar-1995 5475034 12-Dec-1995 5401509 28-Mar-1995 5480900 02-Jan-1996 5403598 04-Apr-1995 5505953 09-Apr-1996 5407926 18-Apr-1995 5506226 09-Apr-1996	5318717	07-Jun-1994	5441496	15-Aug-1995
5331394 19-Jul-1994 5449671 12-Sep-1995 5331649 19-Jul-1994 5454818 03-Oct-1995 5342620 30-Aug-1994 5457126 10-Oct-1995 5344929 06-Sep-1994 5457245 10-Oct-1995 5351168 27-Sep-1994 5460834 24-Oct-1995 5354265 11-Oct-1994 5461081 24-Oct-1995 5360593 01-Nov-1994 5464025 07-Nov-1995 5360611 01-Nov-1994 5464831 07-Nov-1995 5369095 29-Nov-1994 5464866 07-Nov-1995 5370744 06-Dec-1994 5470932 28-Nov-1995 5378703 03-Jan-1995 5473067 05-Dec-1995 5393491 28-Feb-1995 5475034 12-Dec-1995 5399737 21-Mar-1995 5480900 02-Jan-1996 5401509 28-Mar-1995 5480900 02-Jan-1996 5403598 04-Apr-1995 5505953 09-Apr-1996 5403041 04-Apr-1995 5506226 09-Apr-1996	5320839	14-Jun-1994	5441958	15-Aug-1995
5331394 19-Jul-1994 5449671 12-Sep-1995 5331649 19-Jul-1994 5454818 03-Oct-1995 5342620 30-Aug-1994 5457126 10-Oct-1995 5344929 06-Sep-1994 5457245 10-Oct-1995 5351168 27-Sep-1994 5460834 24-Oct-1995 5354265 11-Oct-1994 5461081 24-Oct-1995 5360593 01-Nov-1994 5464025 07-Nov-1995 5360611 01-Nov-1994 5464831 07-Nov-1995 5369095 29-Nov-1994 5464866 07-Nov-1995 5370744 06-Dec-1994 5470932 28-Nov-1995 5378703 03-Jan-1995 5473067 05-Dec-1995 5399737 21-Mar-1995 5475034 12-Dec-1995 5401509 28-Mar-1995 5480900 02-Jan-1996 5403598 04-Apr-1995 5505953 09-Apr-1996 5403841 04-Apr-1995 5506226 09-Apr-1996 5400904 18-Apr-1995 5510347 23-Apr-1996	5328481	12-Jul-1994	5446177	29-Aug-1995
5331649 19-Jul-1994 5454818 03-Oct-1995 5342620 30-Aug-1994 5457126 10-Oct-1995 5344929 06-Sep-1994 5457245 10-Oct-1995 5351168 27-Sep-1994 5460834 24-Oct-1995 5354265 11-Oct-1994 5461081 24-Oct-1995 536407 18-Oct-1994 5462713 31-Oct-1995 5360593 01-Nov-1994 5464025 07-Nov-1995 5360611 01-Nov-1994 5464831 07-Nov-1995 5369095 29-Nov-1994 5464866 07-Nov-1995 5371078 06-Dec-1994 5470932 28-Nov-1995 5378703 03-Jan-1995 5473067 05-Dec-1995 5399737 21-Mar-1995 5475034 12-Dec-1995 5401509 28-Mar-1995 5480900 02-Jan-1996 5403598 04-Apr-1995 5505953 09-Apr-1996 5403841 04-Apr-1995 5506226 09-Apr-1996 5407926 18-Apr-1995 5510347 23-Apr-1996	5331394	19-Jul-1994	5449671	
5344929 06-Sep-1994 5457245 10-Oct-1995 5351168 27-Sep-1994 5460834 24-Oct-1995 5354265 11-Oct-1994 5461081 24-Oct-1995 5356407 18-Oct-1994 5462713 31-Oct-1995 5360593 01-Nov-1994 5464025 07-Nov-1995 5360611 01-Nov-1994 5464831 07-Nov-1995 5369095 29-Nov-1994 5464866 07-Nov-1995 5370744 06-Dec-1994 5470932 28-Nov-1995 5371078 06-Dec-1994 5470973 28-Nov-1995 5393491 28-Feb-1995 5473067 05-Dec-1995 5399737 21-Mar-1995 5475034 12-Dec-1995 5401509 28-Mar-1995 5480900 02-Jan-1996 5403598 04-Apr-1995 5505953 09-Apr-1996 5403841 04-Apr-1995 5506226 09-Apr-1996 5409004 35-Apr-1995 5510347 23-Apr-1996	5331649	19-Jul-1994	5454818	
5351168 27-Sep-1994 5460834 24-Oct-1995 5354265 11-Oct-1994 5461081 24-Oct-1995 5356407 18-Oct-1994 5462713 31-Oct-1995 5360593 01-Nov-1994 5464025 07-Nov-1995 5360611 01-Nov-1994 5464831 07-Nov-1995 5369095 29-Nov-1994 5464866 07-Nov-1995 5370744 06-Dec-1994 5470932 28-Nov-1995 5378703 03-Jan-1995 5473067 05-Dec-1995 5393491 28-Feb-1995 5474532 12-Dec-1995 5399737 21-Mar-1995 5475034 12-Dec-1995 5401509 28-Mar-1995 5480900 02-Jan-1996 5403598 04-Apr-1995 5505953 09-Apr-1996 5407926 18-Apr-1995 5510347 23-Apr-1996 5400004 35 Apr-1995 5510347 23-Apr-1996	5342620	30-Aug-1994	5457126	10-Oct-1995
5354265 11-Oct-1994 5461081 24-Oct-1995 5356407 18-Oct-1994 5462713 31-Oct-1995 5360593 01-Nov-1994 5464025 07-Nov-1995 5360611 01-Nov-1994 5464831 07-Nov-1995 5369095 29-Nov-1994 5464866 07-Nov-1995 5370744 06-Dec-1994 5470932 28-Nov-1995 5371078 06-Dec-1994 5470973 28-Nov-1995 5378703 03-Jan-1995 5473067 05-Dec-1995 5393491 28-Feb-1995 5474532 12-Dec-1995 5399737 21-Mar-1995 5475034 12-Dec-1995 5401509 28-Mar-1995 5480900 02-Jan-1996 5403598 04-Apr-1995 5505953 09-Apr-1996 5407926 18-Apr-1995 5506226 09-Apr-1996 5400004 25-Apr-1995 5510347 23-Apr-1996	5344929	06-Sep-1994	5457245	10-Oct-1995
5356407 18-Oct-1994 5462713 31-Oct-1995 5360593 01-Nov-1994 5464025 07-Nov-1995 5360611 01-Nov-1994 5464831 07-Nov-1995 5369095 29-Nov-1994 5464866 07-Nov-1995 5370744 06-Dec-1994 5470932 28-Nov-1995 5371078 06-Dec-1994 5470973 28-Nov-1995 5378703 03-Jan-1995 5473067 05-Dec-1995 5393491 28-Feb-1995 5474532 12-Dec-1995 5399737 21-Mar-1995 5475034 12-Dec-1995 5401509 28-Mar-1995 5480900 02-Jan-1996 5403598 04-Apr-1995 5505953 09-Apr-1996 5403841 04-Apr-1995 5506226 09-Apr-1996 5409904 35 Apr-1995 5510347 23-Apr-1996	5351168	27-Sep-1994	5460834	24-Oct-1995
5360593 01-Nov-1994 5464025 07-Nov-1995 5360611 01-Nov-1994 5464831 07-Nov-1995 5369095 29-Nov-1994 5464866 07-Nov-1995 5370744 06-Dec-1994 5470932 28-Nov-1995 5371078 06-Dec-1994 5470973 28-Nov-1995 5378703 03-Jan-1995 5473067 05-Dec-1995 5393491 28-Feb-1995 5474532 12-Dec-1995 5399737 21-Mar-1995 5475034 12-Dec-1995 5401509 28-Mar-1995 5480900 02-Jan-1996 5403598 04-Apr-1995 5505953 09-Apr-1996 5403841 04-Apr-1995 5506226 09-Apr-1996 5409904 28-Apr-1995 5510347 23-Apr-1996	5354265	11-Oct-1994	5461081	24-Oct-1995
5360611 01-Nov-1994 5464831 07-Nov-1995 5369095 29-Nov-1994 5464866 07-Nov-1995 5370744 06-Dec-1994 5470932 28-Nov-1995 5371078 06-Dec-1994 5470973 28-Nov-1995 5378703 03-Jan-1995 5473067 05-Dec-1995 5393491 28-Feb-1995 5474532 12-Dec-1995 5399737 21-Mar-1995 5475034 12-Dec-1995 5401509 28-Mar-1995 5480900 02-Jan-1996 5403598 04-Apr-1995 5505953 09-Apr-1996 5403841 04-Apr-1995 5506226 09-Apr-1996 5407926 18-Apr-1995 5510347 23-Apr-1996	5356407	18-Oct-1994	5462713	31-Oct-1995
5369095 29-Nov-1994 5464866 07-Nov-1995 5370744 06-Dec-1994 5470932 28-Nov-1995 5371078 06-Dec-1994 5470973 28-Nov-1995 5378703 03-Jan-1995 5473067 05-Dec-1995 5393491 28-Feb-1995 5474532 12-Dec-1995 5399737 21-Mar-1995 5475034 12-Dec-1995 5401509 28-Mar-1995 5480900 02-Jan-1996 5403598 04-Apr-1995 5494937 27-Feb-1996 5403841 04-Apr-1995 5505953 09-Apr-1996 5407926 18-Apr-1995 5510347 23-Apr-1996	5360593	01-Nov-1994	5464025	07-Nov-1995
5370744 06-Dec-1994 5470932 28-Nov-1995 5371078 06-Dec-1994 5470973 28-Nov-1995 5378703 03-Jan-1995 5473067 05-Dec-1995 5393491 28-Feb-1995 5474532 12-Dec-1995 5399737 21-Mar-1995 5475034 12-Dec-1995 5401509 28-Mar-1995 5480900 02-Jan-1996 5403598 04-Apr-1995 5494937 27-Feb-1996 5403841 04-Apr-1995 5505953 09-Apr-1996 5407926 18-Apr-1995 5510347 23-Apr-1996	5360611	01-Nov-1994	5464831	07-Nov-1995
5371078 06-Dec-1994 5470973 28-Nov-1995 5378703 03-Jan-1995 5473067 05-Dec-1995 5393491 28-Feb-1995 5474532 12-Dec-1995 5399737 21-Mar-1995 5475034 12-Dec-1995 5401509 28-Mar-1995 5480900 02-Jan-1996 5401510 28-Mar-1995 5494937 27-Feb-1996 5403598 04-Apr-1995 5505953 09-Apr-1996 5403841 04-Apr-1995 5506226 09-Apr-1996 5407926 18-Apr-1995 5510347 23-Apr-1996	5369095	29-Nov-1994	5464866	07-Nov-1995
5378703 03-Jan-1995 5473067 05-Dec-1995 5393491 28-Feb-1995 5474532 12-Dec-1995 5399737 21-Mar-1995 5475034 12-Dec-1995 5401509 28-Mar-1995 5480900 02-Jan-1996 5401510 28-Mar-1995 5494937 27-Feb-1996 5403598 04-Apr-1995 5505953 09-Apr-1996 5403841 04-Apr-1995 5506226 09-Apr-1996 5407926 18-Apr-1995 5510347 23-Apr-1996	5370744	06-Dec-1994	5470932	28-Nov-1995
5393491 28-Feb-1995 5474532 12-Dec-1995 5399737 21-Mar-1995 5475034 12-Dec-1995 5401509 28-Mar-1995 5480900 02-Jan-1996 5401510 28-Mar-1995 5494937 27-Feb-1996 5403598 04-Apr-1995 5505953 09-Apr-1996 5403841 04-Apr-1995 5506226 09-Apr-1996 5407926 18-Apr-1995 5510347 23-Apr-1996	5371078	06-Dec-1994	5470973	28-Nov-1995
5399737 21-Mar-1995 5475034 12-Dec-1995 5401509 28-Mar-1995 5480900 02-Jan-1996 5401510 28-Mar-1995 5494937 27-Feb-1996 5403598 04-Apr-1995 5505953 09-Apr-1996 5403841 04-Apr-1995 5506226 09-Apr-1996 5407926 18-Apr-1995 5510347 23-Apr-1996	5378703	03-Jan-1995	5473067	05-Dec-1995
5401509 28-Mar-1995 5480900 02-Jan-1996 5401510 28-Mar-1995 5494937 27-Feb-1996 5403598 04-Apr-1995 5505953 09-Apr-1996 5403841 04-Apr-1995 5506226 09-Apr-1996 5407926 18-Apr-1995 5510347 23-Apr-1996	5393491	28-Feb-1995	5474532	12-Dec-1995
5401509 28-Mar-1995 5480900 02-Jan-1996 5401510 28-Mar-1995 5494937 27-Feb-1996 5403598 04-Apr-1995 5505953 09-Apr-1996 5403841 04-Apr-1995 5506226 09-Apr-1996 5407926 18-Apr-1995 5510347 23-Apr-1996	5399737	21-Mar-1995	5475034	12-Dec-1995
5403598 04-Apr-1995 5505953 09-Apr-1996 5403841 04-Apr-1995 5506226 09-Apr-1996 5407926 18-Apr-1995 5510347 23-Apr-1996 5409904 35 Apr-1995 5510347 23-Apr-1996	5401509	28-Mar-1995	5480900	02-Jan-1996
5403598 04-Apr-1995 5505953 09-Apr-1996 5403841 04-Apr-1995 5506226 09-Apr-1996 5407926 18-Apr-1995 5510347 23-Apr-1996 5409904 35 Apr-1996	5401510	28-Mar-1995	5494937	27-Feb-1996
5403841 04-Apr-1995 5506226 09-Apr-1996 5407926 18-Apr-1995 5510347 23-Apr-1996 5409904 25 Apr-1996	5403598	04-Apr-1995	5505953	
5407926 18-Apr-1995 5510347 23-Apr-1996	5403841	04-Apr-1995	5506226	
5400004	5407926	18-Apr-1995	5510347	
	5409904	25-Apr-1995		

Patent Number	Issue Date	Patent Number	Issue Date
5512597	30-Apr-1996	5588815	31-Dec-1996
5517261	14-May-1996	5589184	31-Dec-1996
5520920	28-May-1996	5589185	31-Dec-1996
5521168	28-May-1996	5591397	07-Jan-1997
5521208	28-May-1996	5603710	18-Feb-1997
5521222	28-May-1996	5603774	18-Feb-1997
5523029	04-Jun-1996	5604190	18-Feb-1997
5523316	04-Jun-1996	5604244	18-Feb-1997
5525349	11-Jun-1996	5605661	25-Feb-1997
5526072	11-Jun-1996	5605922	25-Feb-1997
5528322	18-Jun-1996	5607966	04-Mar-1997
5532224	02-Jul-1996	5612364	18-Mar-1997
5534952	09-Jul-1996	5618316	08-Apr-1997
5536494	16-Jul-1996	5618800	08-Apr-1997
5538966	23-Jul-1996	5620970	15-Apr-1997
5540918	30-Jul-1996	5624893	29-Apr-1997
5543504	06-Aug-1996	5627209	06-May-1997
5547663	20-Aug-1996	5627214	06-May-1997
5554367	10-Sep-1996	5631004	20-May-1997
5558876	24-Sep-1996	5631005	20-May-1997
5562693	08-Oct-1996	5631287	20-May-1997
5565492	15-Oct-1996	5634912	03-Jun-1997
5573726	12-Nov-1996	5635172	03-Jun-1997
5573775	12-Nov-1996	5643943	01-Jul-1997
5576278	19-Nov-1996	5646142	08-Jul-1997
5578578	26-Nov-1996	5646149	08-Jul-1997
5580570	03-Dec-1996	5650541	22-Jul-1997
5582835 [°]	10-Dec-1996	5654262	05-Aug-1997
5583150	10-Dec-1996	5658070	19-Aug-1997
5585377	17-Dec-1996	5662707	02-Sep-1997

5662919 02-Sep-1997 5702270 30-Dec-1997 5665373 09-Sep-1997 5702400 30-Dec-1997 5665773 09-Sep-1997 5705510 06-Jan-1998 5668133 16-Sep-1997 5714463 03-Feb-1998 5672213 30-Sep-1997 5716403 10-Feb-1998 5672575 30-Sep-1997 5718677 17-Feb-1998 5674194 07-Oct-1997 5718895 17-Feb-1998 5676530 14-Oct-1997 5719167 17-Feb-1998 5676649 14-Oct-1997 5721273 24-Feb-1998 5679336 21-Oct-1997 5723421 03-Mar-1998 5679666 21-Oct-1997 5741817 21-Apr-1998 5681264 28-Oct-1997 5750564 12-May-1998 5681834 28-Oct-1997 5780450 14-Jul-1998 568450 11-Nov-1997 580396 01-Sep-1998 5686450 11-Nov-1997 5807892 15-Sep-1998 5686488 11-Nov-1997 580396 15-Sep-1998
5665773 09-Sep-1997 5705510 06-Jan-1998 5660133 16-Sep-1997 5714463 03-Feb-1998 5672213 30-Sep-1997 5716403 10-Feb-1998 5672575 30-Sep-1997 5718677 17-Feb-1998 5674194 07-Oct-1997 5718895 17-Feb-1998 5676530 14-Oct-1997 5719167 17-Feb-1998 5676649 14-Oct-1997 5721273 24-Feb-1998 5677335 14-Oct-1997 5723421 03-Mar-1998 5679336 21-Oct-1997 5741817 21-Apr-1998 5679666 21-Oct-1997 5747824 05-May-1998 5681264 28-Oct-1997 5750564 12-May-1998 5681264 28-Oct-1997 5780450 14-Jul-1998 5681834 28-Oct-1997 5798356 25-Aug-1998 5684156 04-Nov-1997 580396 01-Sep-1998 5686450 11-Nov-1997 5807892 15-Sep-1998 5686488 11-Nov-1997 5808396 15-Sep-1998
5668133 16-Sep-1997 5714463 03-Feb-1998 5672213 30-Sep-1997 5716403 10-Feb-1998 5672575 30-Sep-1997 5718677 17-Feb-1998 5674194 07-Oct-1997 5718895 17-Feb-1998 5676530 14-Oct-1997 5719167 17-Feb-1998 5676649 14-Oct-1997 5721273 24-Feb-1998 5677335 14-Oct-1997 5723421 03-Mar-1998 5679666 21-Oct-1997 5741817 21-Apr-1998 5679670 21-Oct-1997 5750564 12-May-1998 5681264 28-Oct-1997 5780450 14-Jul-1998 5681834 28-Oct-1997 5780450 14-Jul-1998 5681854 28-Oct-1997 5798356 25-Aug-1998 5684156 04-Nov-1997 5800396 01-Sep-1998 5686488 11-Nov-1997 5807892 15-Sep-1998 5686488 11-Nov-1997 5808396 15-Sep-1998 5688828 18-Nov-1997 5811438 22-Sep-1998
5672213 30-Sep-1997 5716403 10-Feb-1998 5672575 30-Sep-1997 5718677 17-Feb-1998 5674194 07-Oct-1997 5718895 17-Feb-1998 5676530 14-Oct-1997 5719167 17-Feb-1998 5676649 14-Oct-1997 5721273 24-Feb-1998 5677335 14-Oct-1997 5723421 03-Mar-1998 5679336 21-Oct-1997 5741817 21-Apr-1998 5679666 21-Oct-1997 5747824 05-May-1998 5679670 21-Oct-1997 5750564 12-May-1998 5681264 28-Oct-1997 5780450 14-Jul-1998 5681834 28-Oct-1997 5780450 14-Jul-1998 5681854 28-Oct-1997 5798356 25-Aug-1998 5684156 04-Nov-1997 5800396 01-Sep-1998 5686488 11-Nov-1997 5807892 15-Sep-1998 5686621 11-Nov-1997 5808396 15-Sep-1998 5688828 18-Nov-1997 5811438 22-Sep-1998
5672575 30-Sep-1997 5718677 17-Feb-1998 5674194 07-Oct-1997 5718895 17-Feb-1998 5676530 14-Oct-1997 5719167 17-Feb-1998 5676649 14-Oct-1997 5721273 24-Feb-1998 5677335 14-Oct-1997 5723421 03-Mar-1998 5679336 21-Oct-1997 5741817 21-Apr-1998 5679666 21-Oct-1997 5747824 05-May-1998 5679670 21-Oct-1997 5750564 12-May-1998 5681264 28-Oct-1997 5770592 23-Jun-1998 5681834 28-Oct-1997 5780450 14-Jul-1998 5681854 28-Oct-1997 5798356 25-Aug-1998 5684156 04-Nov-1997 5800396 01-Sep-1998 5686450 11-Nov-1997 5807892 15-Sep-1998 5686488 11-Nov-1997 5808396 15-Sep-1998 5688828 18-Nov-1997 5811438 22-Sep-1998
5674194 07-Oct-1997 5718895 17-Feb-1998 5676530 14-Oct-1997 5719167 17-Feb-1998 5676649 14-Oct-1997 5721273 24-Feb-1998 5677335 14-Oct-1997 5723421 03-Mar-1998 5679336 21-Oct-1997 5741817 21-Apr-1998 5679666 21-Oct-1997 5747824 05-May-1998 5679670 21-Oct-1997 5750564 12-May-1998 5681264 28-Oct-1997 5770592 23-Jun-1998 5681834 28-Oct-1997 5780450 14-Jul-1998 5681854 28-Oct-1997 5798356 25-Aug-1998 5684156 04-Nov-1997 5800396 01-Sep-1998 5686480 11-Nov-1997 5807892 15-Sep-1998 5686621 11-Nov-1997 5808396 15-Sep-1998 5688828 18-Nov-1997 5811438 22-Sep-1998
5676530 14-Oct-1997 5719167 17-Feb-1998 5676649 14-Oct-1997 5721273 24-Feb-1998 5677335 14-Oct-1997 5723421 03-Mar-1998 5679336 21-Oct-1997 5741817 21-Apr-1998 5679666 21-Oct-1997 5747824 05-May-1998 5679670 21-Oct-1997 5750564 12-May-1998 5681264 28-Oct-1997 5770592 23-Jun-1998 5681834 28-Oct-1997 5780450 14-Jul-1998 5681854 28-Oct-1997 5798356 25-Aug-1998 5684156 04-Nov-1997 5800396 01-Sep-1998 5686450 11-Nov-1997 5807892 15-Sep-1998 5686488 11-Nov-1997 5808396 15-Sep-1998 5688828 18-Nov-1997 5811438 22-Sep-1998
5676649 14-Oct-1997 5721273 24-Feb-1998 5677335 14-Oct-1997 5723421 03-Mar-1998 5679336 21-Oct-1997 5741817 21-Apr-1998 5679666 21-Oct-1997 5747824 05-May-1998 5679670 21-Oct-1997 5750564 12-May-1998 5681264 28-Oct-1997 5770592 23-Jun-1998 5681834 28-Oct-1997 5780450 14-Jul-1998 5681854 28-Oct-1997 5798356 25-Aug-1998 5684156 04-Nov-1997 5800396 01-Sep-1998 5686450 11-Nov-1997 5807892 15-Sep-1998 5686621 11-Nov-1997 5808396 15-Sep-1998 5688828 18-Nov-1997 5811438 22-Sep-1998
5677335 14-Oct-1997 5723421 03-Mar-1998 5679336 21-Oct-1997 5741817 21-Apr-1998 5679666 21-Oct-1997 5747824 05-May-1998 5679670 21-Oct-1997 5750564 12-May-1998 5681264 28-Oct-1997 5770592 23-Jun-1998 5681834 28-Oct-1997 5780450 14-Jul-1998 5681854 28-Oct-1997 5798356 25-Aug-1998 5684156 04-Nov-1997 5800396 01-Sep-1998 5686450 11-Nov-1997 5807892 15-Sep-1998 5686488 11-Nov-1997 5808396 15-Sep-1998 5688621 11-Nov-1997 5808396 15-Sep-1998 5688828 18-Nov-1997 5811438 22-Sep-1998
5679336 21-Oct-1997 5741817 21-Apr-1998 5679666 21-Oct-1997 5747824 05-May-1998 5679670 21-Oct-1997 5750564 12-May-1998 5681264 28-Oct-1997 5770592 23-Jun-1998 5681834 28-Oct-1997 5780450 14-Jul-1998 5681854 28-Oct-1997 5798356 25-Aug-1998 5684156 04-Nov-1997 5800396 01-Sep-1998 5686450 11-Nov-1997 5807892 15-Sep-1998 5686488 11-Nov-1997 5808396 15-Sep-1998 5688621 11-Nov-1997 5808396 15-Sep-1998 5688828 18-Nov-1997 5811438 22-Sep-1998
5679666 21-Oct-1997 5747824 05-May-1998 5679670 21-Oct-1997 5750564 12-May-1998 5681264 28-Oct-1997 5770592 23-Jun-1998 5681834 28-Oct-1997 5780450 14-Jul-1998 5681854 28-Oct-1997 5798356 25-Aug-1998 5684156 04-Nov-1997 5800396 01-Sep-1998 5686450 11-Nov-1997 5807892 15-Sep-1998 5686488 11-Nov-1997 5808396 15-Sep-1998 5688621 11-Nov-1997 5808396 15-Sep-1998 5688828 18-Nov-1997 5811438 22-Sep-1998
5679670 21-Oct-1997 5750564 12-May-1998 5681264 28-Oct-1997 5770592 23-Jun-1998 5681834 28-Oct-1997 5780450 14-Jul-1998 5681854 28-Oct-1997 5798356 25-Aug-1998 5684156 04-Nov-1997 5800396 01-Sep-1998 5686450 11-Nov-1997 5807892 15-Sep-1998 5686488 11-Nov-1997 5808396 15-Sep-1998 5688621 11-Nov-1997 5808396 15-Sep-1998 5688828 18-Nov-1997 5811438 22-Sep-1998
5681264 28-Oct-1997 5770592 23-Jun-1998 5681834 28-Oct-1997 5780450 14-Jul-1998 5681854 28-Oct-1997 5798356 25-Aug-1998 5684156 04-Nov-1997 5800396 01-Sep-1998 5686450 11-Nov-1997 5803966 08-Sep-1998 5686488 11-Nov-1997 5808396 15-Sep-1998 5686621 11-Nov-1997 5808396 15-Sep-1998 5688828 18-Nov-1997 5811438 22-Sep-1998
5681834 28-Oct-1997 5780450 14-Jul-1998 5681854 28-Oct-1997 5798356 25-Aug-1998 5684156 04-Nov-1997 5800396 01-Sep-1998 5686450 11-Nov-1997 5803966 08-Sep-1998 5686488 11-Nov-1997 5807892 15-Sep-1998 5686621 11-Nov-1997 5808396 15-Sep-1998 5688828 18-Nov-1997 5811438 22-Sep-1998
5681854 28-Oct-1997 5798356 25-Aug-1998 5684156 04-Nov-1997 5800396 01-Sep-1998 5686450 11-Nov-1997 5803966 08-Sep-1998 5686488 11-Nov-1997 5807892 15-Sep-1998 5686621 11-Nov-1997 5808396 15-Sep-1998 5688828 18-Nov-1997 5811438 22-Sep-1998
5684156 04-Nov-1997 5800396 01-Sep-1998 5686450 11-Nov-1997 5803966 08-Sep-1998 5686488 11-Nov-1997 5807892 15-Sep-1998 5686621 11-Nov-1997 5808396 15-Sep-1998 5688828 18-Nov-1997 5811438 22-Sep-1998
5686450 11-Nov-1997 5803966 08-Sep-1998 5686488 11-Nov-1997 5807892 15-Sep-1998 5686621 11-Nov-1997 5808396 15-Sep-1998 5688828 18-Nov-1997 5811438 22-Sep-1998
5686488 11-Nov-1997 5807892 15-Sep-1998 5686621 11-Nov-1997 5808396 15-Sep-1998 5688828 18-Nov-1997 5811438 22-Sep-1998
5686621 11-Nov-1997 5808396 15-Sep-1998 5688828 18-Nov-1997 5811438 22-Sep-1998
5688828 18-Nov-1997 5811438 22-Sep-1998
F004000
5691360 25-Nov-1997 5811443 22-Sep-1998
5693095 02-Dec-1997 5811453 22-Sep-1998
5696091 09-Dec-1997 5811466 22-Sep-1998
5696166 09-Dec-1997 5814660 29-Sep-1998
5698545 16-Dec-1997 5827835 27-Oct-1998
5698733 16-Dec-1997 5842567 01-Dec-1998
5699142 16-Dec-1997 5846988 08-Dec-1998
5700794 23-Dec-1997 5849792 15-Dec-1998
5700835 23-Dec-1997 5866602 02-Feb-1999

Patent Number	Issue Date	Patent Number	Issue Date
5868868	09-Feb-1999	5976150	02-Nov-1999
5874469	23-Feb-1999	5985259	16-Nov-1999
5876379	02-Mar-1999	5985310	16-Nov-1999
5882421	16-Mar-1999	5989212	23-Nov-1999
5883108	16-Mar-1999	5990099	23-Nov-1999
5885243	23-Mar-1999	5994397	30-Nov-1999
5889052	30-Mar-1999	5997499	07-Dec-1999
5891931	06-Apr-1999	5998465	07-Dec-1999
5899674	04-May-1999	6001128	14-Dec-1999
5900213	04-May-1999	6004284	21-Dec-1999
5908849	01-Jun-1999	6010391	04-Jan-2000
5909745	08-Jun-1999	6010510	04-Jan-2000
5916149	29-Jun-1999	6011023	04-Jan-2000
5919313	06-Jul-1999	6011062	04-Jan-2000
5921981	13-Jul-1999	6015403	18-Jan-2000
5922821	13-Jul-1999	6015842	18-Jan-2000
5925032	20-Jul-1999	6015922	18-Jan-2000
5925673	20-Jul-1999	6022699	08-Feb-2000
5929111	27-Jul-1999	6025392	15-Feb-2000
5932572	03-Aug-1999	6028387	22-Feb-2000
5938677	17-Aug-1999	6040468	21-Mar-2000
5939369	17-Aug-1999	6051573	18-Apr-2000
5947976	07-Sep-1999	6051611	18-Apr-2000
5948738	07-Sep-1999	6059544	09-May-2000
5948801	07-Sep-1999	6066128	23-May-2000
5955436	21-Sep-1999	6066671	23-May-2000
5959390	28-Sep-1999	6069120	30-May-2000
5965534	12-Oct-1999	6071904	06-Jun-2000
5969791	19-Oct-1999	6077285	20-Jun-2000
5972922	26-Oct-1999	6080128	27-Jun-2000

Patent Number	Issue Date	Patent Number	Issue Date
6083231	04-Jul-2000	6193650	27-Feb-2001
6090798	18-Jul-2000	6196989	06-Mar-2001
6095901	01-Aug-2000	D320856	15-Oct-1991
6096028	01-Aug-2000	D325086	31-Mar-1992
6096783	01-Aug-2000	D344903	08-Mar-1994
6110162	29-Aug-2000	D345213	15-Mar-1994
6139646	31-Oct-2000	D349342	02-Aug-1994
6139794	31-Oct-2000	D351095	04-Oct-1994
6143001	07-Nov-2000	D351227	04-Oct-1994
6143799	07-Nov-2000	D352106	01-Nov-1994
6146622	14-Nov-2000	D354283	10-Jan-1995
6156036	05-Dec-2000	D360068	11-Jul-1995
6158862	12-Dec-2000	D368434	02-Apr-1996
6160013	12-Dec-2000	D375553	12-Nov-1996
6166073	26-Dec-2000	D376204	03-Dec-1996
6169111B1	02-Jan-2001	D376207	03-Dec-1996
6171404B1	09-Jan-2001	D380550	01-Jul-1997
6172054B1	09-Jan-2001	D381421	22-Jul-1997
6172109B1	09-Jan-2001	D382399	19-Aug-1997
6174524B1	16-Jan-2001	D397433	25-Aug-1998
6174878B1	16-Jan-2001	D407488	30-Mar-1999
6174914B1	16-Jan-2001	D426130	06-Jun-2000
6177427B1	23-Jan-2001	D435652	26-Dec-2000
6179805B1	30-Jan-2001		•
6179808B1	30-Jan-2001		
6184189B1	06-Feb-2001		
6184250B1	06-Feb-2001	· 	
6186868B1	13-Feb-2001		
6187042B1	13-Feb-2001		
6191126B1	20-Feb-2001	-	

This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

BLACK BORDERS

IMAGE CUT OFF AT TOP, BOTTOM OR SIDES

FADED TEXT OR DRAWING

BLURRED OR ILLEGIBLE TEXT OR DRAWING

SKEWED/SLANTED IMAGES

COLOR OR BLACK AND WHITE PHOTOGRAPHS

GRAY SCALE DOCUMENTS

LINES OR MARKS ON ORIGINAL DOCUMENT

REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY

IMAGES ARE BEST AVAILABLE COPY.

☐ OTHER:

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.